

Instructions for Embedding a ColourScape Generator within a Webpage

step 1) -- paste the below line of text ideally somewhere between the <head> </head> tags of your html document. It will also work if pasted just after the opening <body> tag.—

```
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.3/jquery.min.js"></script>
```

step 2) -- paste the below html code between the <body></body> tags of your html document, exactly where will depend on where on the page you would like the ColourScape canvas to be displayed.—

```
<button id="RepaintButton" onclick="repaintColourScape()" style="display: block; color: #818181; background-color: #ffffff; width: 60px; height: 20px; border-radius: 10px">Paint</button> <!--the button to repaint the ColourScape image-->
```

```
<p></p> <!-- adding a space between the button and the ColourScape image, (optional) -->
```

```
<canvas id="colourScapeCanvas123" width="1000" height="500"></canvas> <!--you can change the width and height value to any that are suitable, however to maintain proportions the height value should always be half of the width value-->
```

step 3) -- paste the below javascript code between the <body></body> tags of your html document. It will need to be somewhere AFTER the html code from step two.

```
<script type="text/javascript">
```

```
////////////////////////////////////
```

```
//Script written by Alexander O.D. Lorimer.//
```

```
////////////////////////////////////
```

```
$(document)["ready"](repaintColourScape);var myCanvas=document["getElementById"]("colourScapeCanvas123");var scaleValue=myCanvas["width"];var context=myCanvas["getContext"]("2d");context["rotate"](Math["PI"]/2);context["translate"](0,-scaleValue);function repaintColourScape(){var _0xbf89x4=document["createElement"]("canvas");var _0xbf89x5=_0xbf89x4["getContext"]("2d");_0xbf89x4["width"]=500;_0xbf89x4["height"]=1000;var _0xbf89x6=21;var _0xbf89x7=10;var _0xbf89x8=10000;var _0xbf89x9=Math["floor"](Math["random"]())*2);var _0xbf89xa=_0xbf89x5["createImageData"](_0xbf89x4["width"],_0xbf89x4["height"]);var _0xbf89xb=0;var _0xbf89xc=0;var _0xbf89xd=0;for(var _0xbf89xe=0;_0xbf89xe<_0xbf89xa["data"]["length"];_0xbf89xe++){var _0xbf89xf=_0xbf89xe+1;if(_0xbf89xf%4!=0){var _0xbf89x10;if(_0xbf89xe<4){_0xbf89x10=Math["floor"](Math["random"]())*256;} else {if(_0xbf89xc===0){var _0xbf89x11=Math["floor"](Math["random"]())*_0xbf89x8;switch(_0xbf89x11){case 1:_0xbf89x10=Math["floor"](Math["random"]())*256;break ;;default:_0xbf89x10=_0xbf89xa["data"][_0xbf89xe-4];_0xbf89x10=_0xbf89x10+((Math["floor"](Math["random"]())*_0xbf89x6))-_0xbf89x7);;} } else {var _0xbf89x11=Math["floor"](Math["random"]())*3;switch(_0xbf89x11){case 0:var _0xbf89x12=Math["floor"](Math["random"]())*_0xbf89x8;if(_0xbf89x12===0){_0xbf89x10=Math["floor"](Math["random"]())*25
```

```

6);} else {_Oxbf89x10=_Oxbf89xa["data"][_Oxbf89xe-
2000+4];_Oxbf89x10=_Oxbf89x10+((Math["floor"])(Math["random"]()*_Oxbf89x6))-_Oxbf89x7);} ;break ;;case 1:var
_Oxbf89x13=Math["floor"](Math["random"]()*_Oxbf89x8);if(_Oxbf89x13===0){_Oxbf89x10=Math["floor"](Math["random"]()*25
6);} else {if(_Oxbf89xb<4){_Oxbf89x10=_Oxbf89xa["data"][_Oxbf89xe-
2000];_Oxbf89x10=_Oxbf89x10+((Math["floor"])(Math["random"]()*_Oxbf89x6))-_Oxbf89x7);} else
{ _Oxbf89x10=_Oxbf89xa["data"][_Oxbf89xe-2000-4];_Oxbf89x10=_Oxbf89x10+((Math["floor"])(Math["random"]()*_Oxbf89x6))-
_Oxbf89x7);var _Oxbf89x14=Math["floor"](Math["random"]()*4);var _Oxbf89x15=0;var _Oxbf89x16=0;switch(_Oxbf89x14){case
0:if(_Oxbf89xb<250&&_Oxbf89xb>150&&_Oxbf89xc<600&&_Oxbf89xc>400){_Oxbf89x15=5;} ;break ;;case
1:if(_Oxbf89xb<255&&_Oxbf89xb>240&&_Oxbf89xc<520&&_Oxbf89xc>480){_Oxbf89x16=100;} else
{if(_Oxbf89xb<250&&_Oxbf89xb>150){_Oxbf89x15=2;} ;} ;break ;;case
2:if(_Oxbf89xb<255&&_Oxbf89xb>240&&_Oxbf89xc<520&&_Oxbf89xc>480){_Oxbf89x16=100;} else
{if(_Oxbf89xb<250&&_Oxbf89xb>150&&_Oxbf89xc<600&&_Oxbf89xc>400){_Oxbf89x15=5;} ;} ;break ;;case
3:if(_Oxbf89xb<250&&_Oxbf89xb>150){_Oxbf89x15=2;} ;; ;if(_Oxbf89xd===2){_Oxbf89x10=_Oxbf89x10+_Oxbf89x16;} else
{ _Oxbf89x10=_Oxbf89x10+_Oxbf89x15+_Oxbf89x16;} ;} ;break ;;case 2:var
_Oxbf89x17=Math["floor"](Math["random"]()*_Oxbf89x8);if(_Oxbf89x17===0){_Oxbf89x10=Math["floor"](Math["random"]()*25
6);} else {_Oxbf89x10=_Oxbf89xa["data"][_Oxbf89xe-2000];var
_Oxbf89x15=Math["floor"](_Oxbf89xb/300);_Oxbf89x15=_Oxbf89x15+(Math["floor"](_Oxbf89x15/2));if(_Oxbf89x9){_Oxbf89x15=
_Oxbf89x15;} ;_Oxbf89x10=_Oxbf89x10+((Math["floor"])(Math["random"]()*_Oxbf89x6))-_Oxbf89x7+_Oxbf89x15;} ;} ;}
;if(_Oxbf89x10<0){_Oxbf89x10=0;} else {if(_Oxbf89x10>255){_Oxbf89x10=255;} ;} ;_Oxbf89xa["data"][_Oxbf89xe]=_Oxbf89x10;
else {_Oxbf89xa["data"][_Oxbf89xe]=255;}
;_Oxbf89xd++;if(_Oxbf89xd%4===0){_Oxbf89xd=0;_Oxbf89xb++;if(_Oxbf89xb>499){_Oxbf89xb=0;_Oxbf89xc++;} ;}
;_Oxbf89x5["putImageData"](_Oxbf89xa,0,0);context["drawImage"](_Oxbf89x4,0,0,Math["floor"](scaleValue/2),scaleValue);};
</script>

```