

# Converting Colors

HunterLab(90.7159, -5.8166,  
5.2032)

Have a look what the booklet for  
HunterLab(90.7159, -5.8166, 5.2032)  
contains.

<b>HunterLab(90.8051, -6.1800, 5.5101)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(90.8051, -6.1800,  
5.5101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8EBE9
RGB	232, 235, 233
RGB Percent	91%, 92%, 91%
CMY	0.0902, 0.0784, 0.0863
CMYK	0.01, 0.00, 0.01, 0.08
HSL	140°, 7%, 92%
HSV	140°, 1%, 92%
XYZ	77.6950, 82.4557, 88.9113
YIQ	233.8750, -1.1460, -1.2580

# Conversions

## Conversions Part 2

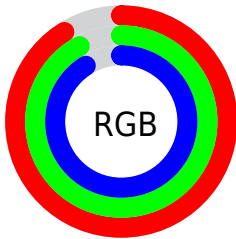
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 234, 235
Decimal	15264745
CIE Lab	92.78, -1.36, 0.61
CIE LCh	93, 1.485, 155.822
Yxy	82.4592, 0.3120, 0.3311
Android (android.graphics.Color)	4293454825 (0xFFE8EBE9)
YUV	233.8750, -0.4314, -1.6444
Hunter-Lab	90.8051, -6.1800, 5.5101

# Details

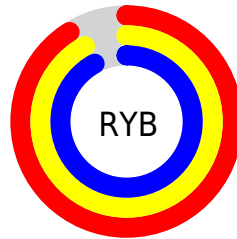
The HunterLab color  $90.8051, -6.1800, 5.5101$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $90.1766, -3.4674, 4.3228$ , and the grayscale version is  $90.6566, -4.8372, 4.9255$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.8166, -4.8323, 4.1780$  is the 20% darker color. If you saturate the color by 10%, you get  $88.2775, -16.1178, 9.8758$ , and if you desaturate by 10%, it is  $93.5411, 4.2270, 1.0734$ .

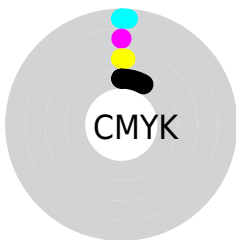
# Distribution



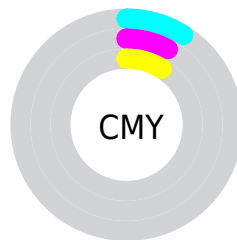
- Red (91%)
- Green (92%)
- Blue (91%)



- Red (91%)
- Yellow (92%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.8051, -6.1800, 5.5101 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 90.8051, -6.1800, 5.5101 by changing the saturation by 10% instead.



■ 90.8051, -6.1800,  
5.5101

■ 90.8051, -6.1800,  
5.5101

224.3173,  
-13.7840, 12.9800

■ 78.5774, -5.4658,  
4.8189

116.9691, -7.6974,  
6.9860

■ 66.9522, -4.7785,  
4.1577

130.8549, -8.4945,  
7.7655

■ 55.9646, -4.1214,  
3.5296

145.2504, -9.3170,  
8.5720

■ 45.6541, -3.4958,  
2.9364

160.1382,  
-10.1639, 9.4045

■ 36.0683, -2.9032,  
2.3802

175.5026,  
-11.0347, 10.2622

■ 27.2670, -2.3451,  
1.8635

191.3291,

■ 19.3276, -1.8234,

-11.9286, 11.1445

1.3896

207.6047,  
-12.8453, 12.0506

■ 12.3562, -1.3396,  
0.9624

■ 5.5448, -1.3611,  
0.7566

■ 90.8051, -6.1800,  
5.5101

■ 90.8051, -6.1800,  
5.5101

■ 88.2775, -16.1178,  
9.8758

■ 93.5411, 4.2270,  
1.0734

■ 86.0126, -25.3073,  
14.1918

■ 93.7549, 5.3759,  
-1.9639

■ 84.0195, -33.6527,  
18.4144

■ 82.3021, -41.0646,  
22.4947

■ 80.8606, -47.4701,  
26.3819

■ 79.6907, -52.8200,  
30.0259

■ 78.7828, -57.0965,  
33.3801

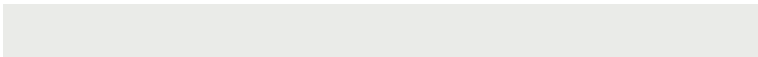
■ 78.1211, -60.3205,  
36.4033

■ 77.6819, -62.5596,  
39.0613

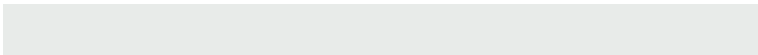
# Harmonies

## Analogous

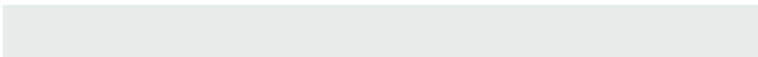
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8070, -5.7055, 6.0651



90.8051, -6.1800, 5.5101



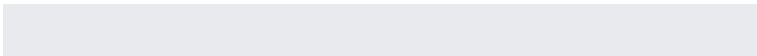
90.8070, -6.3023, 4.8015

# Triad

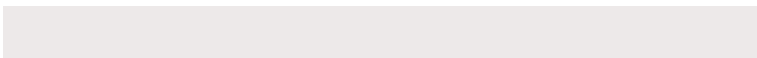
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.8070, -6.1821, 5.5115



90.8070, -4.7015, 3.5462



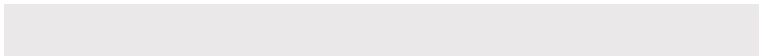
90.8070, -3.6597, 5.7544

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



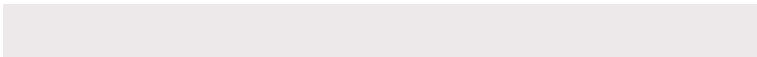
90.8051, -6.1800, 5.5101



90.1766, -3.4674, 4.3228

# Split Complementary

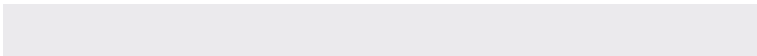
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8070, -3.3887, 5.0841



90.8051, -6.1800, 5.5101



90.8070, -3.9915, 3.8061

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



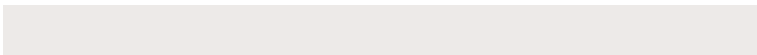
90.8070, -6.1821, 5.5115



90.8070, -5.4491, 3.6629



90.8070, -3.5104, 4.3705



90.8070, -4.2496, 6.2045

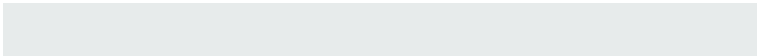


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



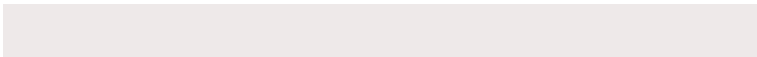
90.8051, -6.1800, 5.5101



90.8070, -6.1644, 4.3340



90.8070, -3.5104, 4.3705



90.8070, -3.5282, 5.5475

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90.8070, -6.1821, 5.5115

100.0000, -5.3358, 5.4332



90.9658, -5.6908, 6.1925



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

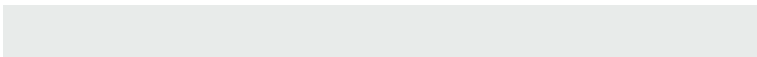
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8070, -6.1821, 5.5115



99.4124, -7.6042, 6.3974



90.8530, -5.9300, 4.8564



42.0584, -3.1610, 2.6821



57.7903, -47.5223, 30.3542



16.2473, -12.9849, 7.7231



# Inverse Universe

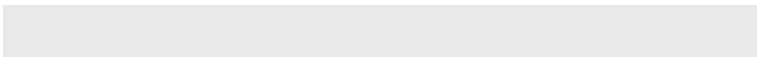
The Inverse Universe completely reimagines the original color for something new.



90.1766, -3.4674, 4.3228



98.3261, -2.9267, 4.3492



90.1304, -3.7195, 4.9809



41.6254, -1.2966, 1.8657



33.4738, 61.4330, -10.2150

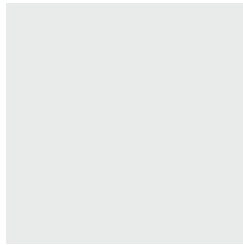


9.4740, 17.5513, -4.1627



# Previews

## White Background



This preview shows how the HunterLab color 90.8051, -6.1800, 5.5101 looks on a white background.

## Color Contrast Check

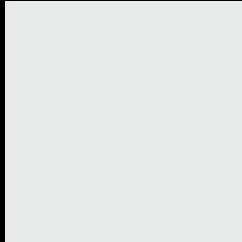
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the HunterLab color 90.8051, -6.1800, 5.5101 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

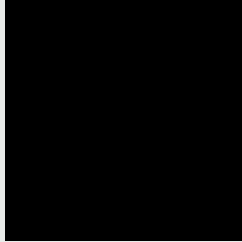
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

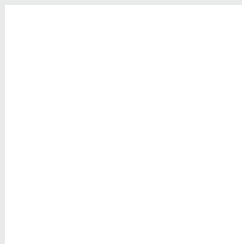
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 90.8051, -6.1800, 5.5101 Background



This preview shows how black text looks on a background with the HunterLab color 90.8051, -6.1800, 5.5101.



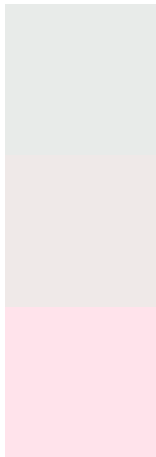
This preview shows how white text looks on a background with the HunterLab color 90.8051, -6.1800,

5.5101.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

90.8051, -6.1800, 5.5101

### Protanopia

90.8046, -3.0213, 6.0524

### Deuteranopia

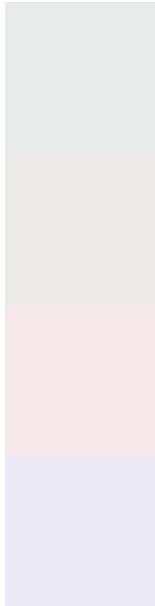
90.6622, 6.1425, 4.5732



## Tritanopia

90.7416, -0.3851, -3.7253

# Trichromacy



## Original Color

90.8051, -6.1800, 5.5101

## Protanomaly

90.8321, -4.5328, 6.0580

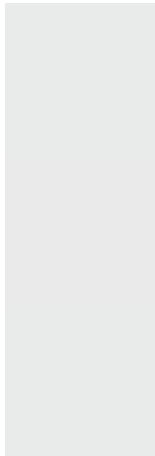
## Deuteranomaly

90.7239, 1.5966, 5.0603

## Tritanomaly

90.7204, -2.5351, -0.0786

# Monochromacy



## Original Color

90.8051, -6.1800, 5.5101

## Achromatopsia

90.7075, -4.8399, 4.9283

## Achromatomaly

90.6145, -5.1639, 4.8130

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.8051, -6.1800, 5.5101 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(232, 235, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 235, 233) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.8051, -6.1800, 5.5101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 235, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 235, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(232, 235,  
233) }
```



# Background

The CSS property to change the background color of an element to HunterLab 90.8051, -6.1800, 5.5101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 235, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
235, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor