

Converting Colors

HunterLab(80.1216, -51.0878,
30.6830)

Have a look what the booklet for
HunterLab(80.1216, -51.0878,
30.6830) contains.

HunterLab(80.1216, -51.0878, 30.6830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.1216,
-51.0878, 30.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	68EB8A
RGB	104, 235, 138
RGB Percent	41%, 92%, 54%
CMY	0.5922, 0.0784, 0.4588
CMYK	0.56, 0.00, 0.41, 0.08
HSL	136°, 77%, 66%
HSV	136°, 56%, 92%
XYZ	40.0047, 64.1947, 34.3272
YIQ	184.7730, -46.9390, -57.9390

Conversions

Conversions Part 2

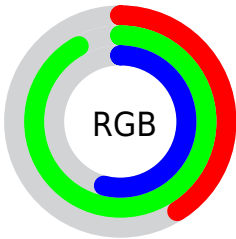
Format	Color
RYB	104, 208, 235
Decimal	6876042
CIELab	84.07, -56.62, 36.41
CIElCh	84, 67.312, 147.255
Yxy	64.1974, 0.2888, 0.4634
Android (android.graphics.Color)	4285066122 (0xFF68EB8A)
YUV	184.7730, -23.0591, -70.8379
Hunter-Lab	80.1216, -51.0878, 30.6830

Details

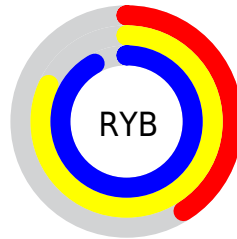
The HunterLab color **80.1216, -51.0878, 30.6830** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **56.3746, 58.8870, -22.3491**, and the grayscale version is **69.6667, -3.7172, 3.7851**.

A 20% lighter version of the original color is **91.2241, -41.0956, 23.0805**, and **57.3027, -43.5010, 25.4387** is the 20% darker color. If you saturate the color by 10%, you get **79.0678, -55.9970, 34.2723**, and if you desaturate by 10%, it is **81.4555, -45.0585, 26.7021**.

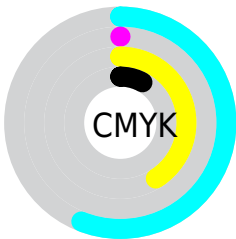
Distribution



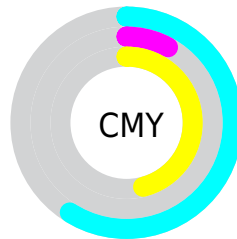
- Red (41%)
- Green (92%)
- Blue (54%)



- Red (41%)
- Yellow (82%)
- Blue (92%)



- Cyan (56%)
- Magenta (0%)
- Yellow (41%)
- Black (8%)





- Cyan (59%)
- Magenta (8%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.1216, -51.0878, 30.6830 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 80.1216, -51.0878, 30.6830 by changing the saturation by 10% instead.


 80.1216, -51.0878,
30.6830


 80.1216, -51.0878,
30.6830


209.7384,
-79.9931, 51.7190

 68.4182, -47.3916,
28.0768


 105.3067,
-58.0779, 35.6634

 57.3462, -43.5188,
25.3672


 118.7328,
-61.4129, 38.0636

 46.9458, -39.4270,
22.5284


 132.6855,
-64.6629, 40.4176

 37.2634, -35.0549,
19.5254

147.1455,
-67.8399, 42.7330

 28.3569, -30.3133,
16.3107

162.0957,
-70.9539, 45.0160

 20.3009, -25.0657,
13.1718

177.5205,

 13.1971, -21.7661,

-74.0130, 47.2719

9.2380

193.4057,
-77.0241, 49.5051

■ 6.7112, -11.7446,
4.6978

0.0000, NaN, NaN

■ 80.1216, -51.0878,
30.6830

■ 80.1216, -51.0878,
30.6830

■ 79.0678, -55.9970,
34.2723

■ 81.4555, -45.0585,
26.7021

■ 78.2766, -59.7816,
37.4276


■ 83.0712, -37.9443,
22.3772


■ 77.7300, -62.4858,
40.1196


■ 84.9720, -29.8141,
17.7636

■ 77.3989, -64.2077,
42.3304

■ 87.1551, -20.7567,
12.9181

 77.3020, -64.7307,
43.1143

 89.6142, -10.8734,
7.8964

 92.3405, -0.2710,
2.7507

 93.7545, 5.3765,
-1.9643

Harmonies

Analogous

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



80.1233, -31.3908, 41.6725



80.1216, -51.0878, 30.6830



80.1233, -58.4540, 7.2071

Triad

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



80.1233, -51.0889, 30.6836



80.1233, -7.3049, -82.7363



80.1233, 60.5086, 27.4273

Complementary

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



80.1216, -51.0878, 30.6830



56.3746, 58.8870, -22.3491

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.



80.1233, 69.7131, 1.4071



80.1216, -51.0878, 30.6830



80.1233, 26.9975, -70.2822

Square

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



80.1233, -51.0889, 30.6836



80.1233, -35.8796, -65.0950



80.1233, 56.5819, -35.7821



80.1233, 33.1323, 40.3997

Rectangle

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



80.1216, -51.0878, 30.6830



80.1233, -56.4491, -15.7545



80.1233, 56.5819, -35.7821



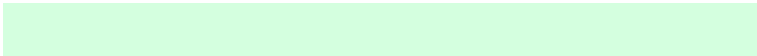
80.1233, 66.0060, 20.3209

Sweetspot

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



80.1233, -51.0889, 30.6836



95.2825, -24.1493, 14.8923



85.4463, -31.2204, 43.0171



43.8508, -12.1242, 7.3917

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1233, -51.0889, 30.6836



86.5929, -62.1597, 38.1700



81.6325, -42.0326, 8.8675



41.1416, -6.7929, 4.5387



57.6830, -48.1934, 31.9370



16.2113, -13.2090, 8.2518

Inverse Universe

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



56.3746, 58.8870, -22.3491



56.8418, 76.8130, -27.6766



54.1875, 49.1591, 8.4571



39.0424, 2.7154, -0.1862



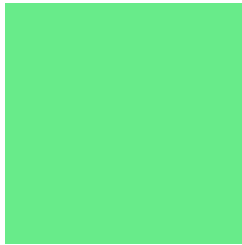
33.9892, 63.2763, -17.3290



9.6058, 18.0205, -5.9652

Previews

White Background



This preview shows how the HunterLab color 80.1216, -51.0878, 30.6830 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 80.1216, -51.0878, 30.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

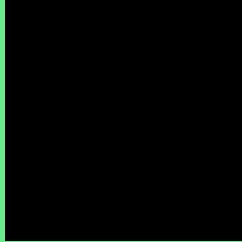
Any Text WCAG AA ✓ Pass

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 80.1216, -51.0878, 30.6830 Background



This preview shows how black text looks on a background with the HunterLab color 80.1216, -51.0878, 30.6830.



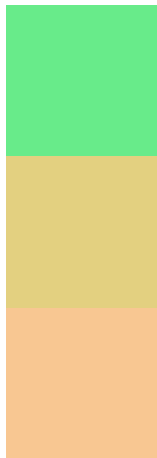
This preview shows how white text looks on a background with the HunterLab color 80.1216, -51.0878, 30.6830.

-51.0878, 30.6830.

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

80.1216, -51.0878, 30.6830

Protanopia

79.3733, -8.1749, 33.5115

Deuteranopia

79.2960, 6.0270, 28.6342



Tritanopia

79.9697, -24.7152, -12.8548

Trichromacy



Original Color

80.1216, -51.0878, 30.6830



Protanomaly

78.5836, -27.2924, 31.4748



Deuteranomaly

77.9781, -19.1078, 27.9566



Tritanomaly

79.6007, -35.5809, 5.8763

Monochromacy



Original Color

80.1216, -51.0878, 30.6830



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

72.5306, -23.2353, 14.0033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1216, -51.0878, 30.6830 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(104, 235, 138)` looks like.

```
.text, #text, p{  
    color:rgb(104, 235, 138)  
}
```

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(104, 235, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 235, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1216, -51.0878, 30.6830 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(104, 235, 138) }
```


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

```
.border{ border-color:rgb(104, 235, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 235, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 235, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 235, 138);  
box-shadow:4px 4px 4px 4px rgb(104, 235,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1216, -51.0878, 30.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 235, 138) }
```

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

```
.background{ background-color: rgb(104,  
235, 138) }
```

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