

Converting Colors

HunterLab(87.5078, -45.1496,
8.0840)

Have a look what the booklet for
HunterLab(87.5078, -45.1496,
8.0840) contains.

HunterLab(87.4980, -45.1950, 8.1786)	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(87.4980,
-45.1950, 8.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	6BFADA
RGB	107, 250, 218
RGB Percent	42%, 98%, 85%
CMY	0.5804, 0.0196, 0.1451
CMYK	0.57, 0.00, 0.13, 0.02
HSL	167°, 93%, 70%
HSV	167°, 57%, 98%
XYZ	52.9039, 76.5590, 78.3188
YIQ	203.5950, -74.9560, -40.2680

Conversions

Conversions Part 2

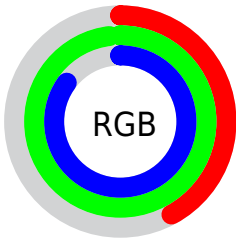
Format	Color
RYB	107, 188, 250
Decimal	7076570
CIELab	90.12, -46.11, 3.77
CIELCh	90, 46.265, 175.331
Yxy	76.5620, 0.2546, 0.3685
Android (android.graphics.Color)	4285266650 (0xFF6BFADA)
YUV	203.5950, 7.1017, -84.7138
Hunter-Lab	87.4980, -45.1950, 8.1786

Details

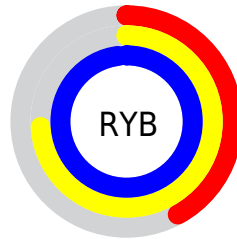
The HunterLab color **87.4980, -45.1950, 8.1786** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.1888, 53.9368, 10.8572**, and the grayscale version is **77.5286, -4.1367, 4.2123**.

A 20% lighter version of the original color is **93.3676, -29.2381, -3.0567**, and **64.0556, -39.1994, 6.7120** is the 20% darker color. If you saturate the color by 10%, you get **86.5690, -49.2192, 9.6373**, and if you desaturate by 10%, it is **88.6791, -40.2462, 6.9808**.

Distribution



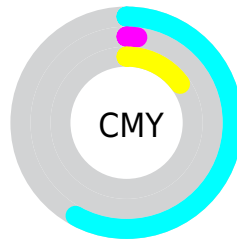
- Red (42%)
- Green (98%)
- Blue (85%)



- Red (42%)
- Yellow (74%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (58%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.4980, -45.1950, 8.1786 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 87.4980, -45.1950, 8.1786 by changing the saturation by 10% instead.


 87.4980, -45.1950,
8.1786


 87.4980, -45.1950,
8.1786


219.8339,
-69.5068, 16.6554


 75.4278, -42.1780,
7.3505


 113.3671,
-50.9652, 9.9080

 63.9685, -39.0453,
6.5452


 127.1142,
-53.7455, 10.8066

 53.1567, -35.7697,
5.7637


 141.3761,
-56.4705, 11.7276

 43.0337, -32.3125,
5.0058

156.1347,
-59.1483, 12.6707

 33.6500, -28.6179,
4.2708

171.3738,
-61.7857, 13.6354

 25.0693, -24.6018,
3.5569

187.0788,

 17.3751, -20.1290,

-64.3882, 14.6213

2.8602

203.2363,
-66.9606, 15.6281

■ 10.6847, -18.6983,
2.1715

■ 1.1509, -2.0140,
0.8056

■ 87.4980, -45.1950,
8.1786

■ 87.4980, -45.1950,
8.1786

■ 86.5690, -49.2192,
9.6373

■ 88.6791, -40.2462,
6.9808

■ 85.8718, -52.3406,
11.3224

■ 90.1168, -34.3774,
6.0642

■ 85.3863, -54.6201,
13.1954

■ 91.8180, -27.6213,
5.4456

■ 85.0808, -56.1690,
15.2063

■ 93.7839, -20.0298,
5.1332

■ 85.0125, -56.5311,
15.7762

■ 96.0121, -11.6693,
5.1282

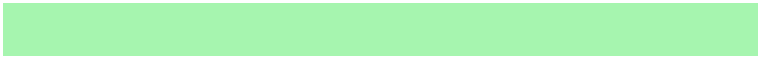
■ 98.3031, -3.2873,
5.1848

■ 98.4143, -2.6804,
3.5988

Harmonies

Analogous

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



87.4997, -38.7248, 25.7999



87.4980, -45.1950, 8.1786



87.4997, -41.7793, -15.6256

Triad

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



87.4997, -45.1957, 8.1796



87.4997, 15.4452, -43.4942



87.4997, 22.4527, 33.1842

Complementary

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



87.4980, -45.1950, 8.1786



57.1888, 53.9368, 10.8572

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.



87.4997, 39.8767, 21.1844



87.4980, -45.1950, 8.1786



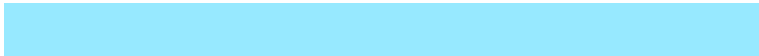
87.4997, 35.5418, -23.2863

Square

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



87.4997, -45.1957, 8.1796



87.4997, -8.3101, -49.6135



87.4997, 44.9008, 1.2025



87.4997, -0.9764, 37.6119

Rectangle

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



87.4980, -45.1950, 8.1786



87.4997, -34.1426, -31.5204



87.4997, 44.9008, 1.2025



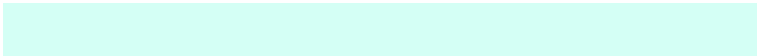
87.4997, 29.2993, 30.0856

Sweetspot

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



87.4997, -45.1957, 8.1796



95.9562, -20.3376, 5.2471



86.6275, -53.2710, 42.9256



44.1962, -10.1631, 2.4450

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4997, -45.1957, 8.1796



88.3871, -51.0058, 10.1628



75.5322, -21.5081, -24.8307



44.2020, -6.3211, 2.3622



61.9324, -41.0596, 11.2258



18.8897, -12.2418, 2.8161

Inverse Universe

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



57.1888, 53.9368, 10.8572



53.0823, 66.2794, 14.5768



64.5597, 31.4208, 27.5556



41.5798, 1.9483, 2.4190



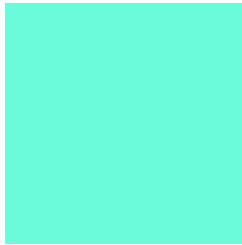
33.0897, 57.1774, 17.4271



10.1457, 17.6792, 4.1960

Previews

White Background



This preview shows how the HunterLab color 87.4980, -45.1950, 8.1786 looks on a white background.

Color Contrast Check

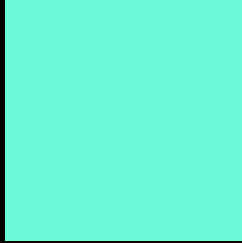
Large Text (above 18pt) WCAG AA × Fail

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 87.4980, -45.1950, 8.1786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

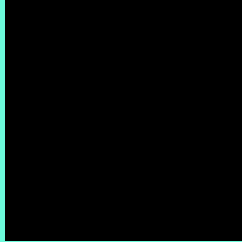
Any Text WCAG AA ✓ Pass

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 87.4980, -45.1950, 8.1786 Background



This preview shows how black text looks on a background with the HunterLab color 87.4980, -45.1950, 8.1786.



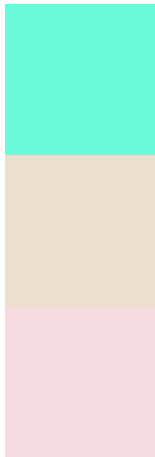
This preview shows how white text looks on a background with the HunterLab color 87.4980,

-45.1950, 8.1786.

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

87.4980, -45.1950, 8.1786

Protanopia

86.6968, -4.5361, 14.2751

Deuteranopia

86.8062, 6.4652, 4.9487



Tritanopia

87.0764, -24.7905, -11.1960

Trichromacy



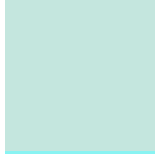
Original Color

87.4980, -45.1950, 8.1786



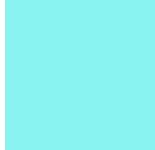
Protanomaly

85.7745, -22.3576, 10.7663



Deuteranomaly

85.7924, -16.4649, 4.8175



Tritanomaly

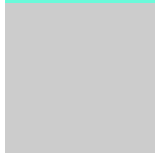
87.0806, -32.6934, -4.1092

Monochromacy



Original Color

87.4980, -45.1950, 8.1786



Achromatopsia

77.7063, -4.1462, 4.2219



Achromatomaly

80.4682, -21.6380, 4.7596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4980, -45.1950, 8.1786 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(107, 250, 218)` looks like.

```
.text, #text, p{  
    color:rgb(107, 250, 218)  
}
```

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(107, 250, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 250, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4980, -45.1950, 8.1786 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(107, 250, 218) }
```


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

```
.border{ border-color:rgb(107, 250, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 250, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 250, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 250, 218);  
box-shadow:4px 4px 4px 4px rgb(107, 250,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4980, -45.1950, 8.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 250, 218) }
```

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

```
.background{ background-color: rgb(107,  
250, 218) }
```

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](#).

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