

Converting Colors

HunterLab(51.3287, -11.0729,
8.4563)

Have a look what the booklet for
HunterLab(51.3287, -11.0729,
8.4563) contains.

HunterLab(51.1789, -11.1040, 8.4748)	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(51.1789,
-11.1040, 8.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	7E917E
RGB	126, 145, 126
RGB Percent	49%, 57%, 49%
CMY	0.5059, 0.4314, 0.5059
CMYK	0.13, 0.00, 0.13, 0.43
HSL	120°, 8%, 53%
HSV	120°, 13%, 57%
XYZ	22.4955, 26.1928, 23.6088
YIQ	137.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

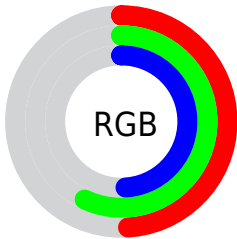
Format	Color
R_{YB}	126, 145, 145
Decimal	8294782
CIE _{Lab}	58.22, -10.63, 7.81
CIE _{LCh}	58, 13.193, 143.687
Yxy	26.1939, 0.3112, 0.3623
Android (android.graphics.Color)	4286484862 (0xFF7E917E)
YUV	137.1530, -5.4984, -9.7812
Hunter-Lab	51.1789, -11.1040, 8.4748

Details

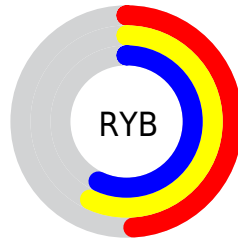
The HunterLab color $51.1789, -11.1040, 8.4748$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.9442, 6.3813, -3.4742$, and the grayscale version is $50.1003, -2.6732, 2.7220$.

A 20% lighter version of the original color is $73.2702, -13.3553, 10.4045$, and $32.0905, -8.9208, 6.6456$ is the 20% darker color. If you saturate the color by 10%, you get $49.8224, -16.8187, 12.3365$, and if you desaturate by 10%, it is $52.7060, -4.8701, 4.2630$.

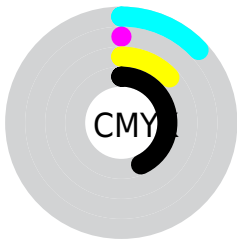
Distribution



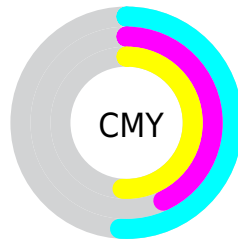
- Red (49%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1789, -11.1040, 8.4748 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 51.1789, -11.1040, 8.4748 by changing the saturation by 10% instead.

■ 51.1789, -11.1040,
8.4748

■ 51.1789, -11.1040,
8.4748

168.4437,
-21.6799, 17.9243

■ 41.1932, -9.9467,
7.4836

■ 73.2036, -13.4095,
10.4803

■ 31.9566, -8.7738,
6.4916

■ 85.1616, -14.5650,
11.4993

■ 23.5370, -7.5728,
5.4900

■ 97.7080, -15.7265,
12.5318

■ 16.0231, -6.3199,
4.4612

110.8163,
-16.8962, 13.5788

■ 9.5410, -5.3686,
3.9151

124.4635,
-18.0754, 14.6412

0.0000, NaN, NaN

138.6290,

0.0000, NaN, NaN

-19.2652, 15.7193

0.0000, NaN, NaN

153.2946,
-20.4666, 16.8137

0.0000, NaN, NaN

■ 51.1789, -11.1040,
8.4748

■ 51.1789, -11.1040,
8.4748

■ 49.8224, -16.8187,
12.3365

■ 52.7060, -4.8701,
4.2630

■ 48.6378, -21.9430,
15.7998

■ 54.3941, 1.8157,
-0.2531

■ 47.6288, -26.4172,
18.8242

■ 56.2369, 8.8837,
-5.0263

■ 46.7954, -30.1937,
21.3773

■ 58.2265, 16.2695,
-10.0130

■ 46.1346, -33.2433,
23.4393

■ 60.3543, 23.9152,
-15.1739

■ 45.6395, -35.5612,
25.0067

■ 62.6120, 31.7701,
-20.4747

■ 45.2993, -37.1711,
26.0953

■ 64.9912, 39.7909,
-25.8861

■ 45.0980, -38.1303,
26.7441

■ 67.4838, 47.9414,
-31.3837

■ 45.0020, -38.5892,
27.0544

■ 69.8082, 55.3326,
-36.3688

Harmonies

Analogous

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



51.1800, -6.9780, 11.2881



51.1789, -11.1040, 8.4748



51.1800, -12.9790, 3.8969

Triad

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



51.1800, -11.1051, 8.4755



51.1800, -3.9095, -8.4472



51.1800, 7.4798, 6.7234

Complementary

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



51.1789, -11.1040, 8.4748



47.9442, 6.3813, -3.4742

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.



51.1800, 8.3871, 1.6494



51.1789, -11.1040, 8.4748



51.1800, 1.6538, -7.4833

Square

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



51.1800, -11.1051, 8.4755



51.1800, -8.9410, -6.1513



51.1800, 6.2132, -3.6427



51.1800, 3.7846, 10.3549

Rectangle

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



51.1789, -11.1040, 8.4748



51.1800, -12.7581, 0.3085



51.1800, 6.2132, -3.6427



51.1800, 8.1274, 5.1452

Sweetspot

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



51.1800, -11.1051, 8.4755



70.3213, -7.3619, 6.2754



52.7051, -5.6358, 10.1728



33.0984, -3.7517, 3.1486



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



51.1800, -11.1051, 8.4755



67.8772, -17.4103, 13.0646



51.4305, -9.6952, 4.8828



24.5548, -4.1310, 3.2523



41.6771, -35.7381, 25.0555



4.0751, -3.4944, 2.4499

Inverse Universe

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



47.9442, 6.3813, -3.4742



62.5052, 11.6384, -6.7865



47.6503, 4.8211, 0.6942



23.4756, 1.6979, -0.7309



26.2998, 51.7061, -34.6866



2.5716, 5.0558, -3.3917

Previews

White Background



This preview shows how the HunterLab color 51.1789, -11.1040, 8.4748 looks on a white background.

Color Contrast Check

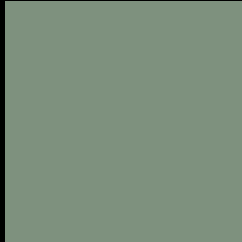
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1789, -11.1040, 8.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

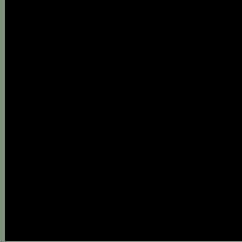
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.1789, -11.1040, 8.4748 Background



This preview shows how black text looks on a background with the HunterLab color 51.1789, -11.1040, 8.4748.



This preview shows how white text looks on a background with the HunterLab color 51.1789,

-11.1040, 8.4748.

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

51.1789, -11.1040, 8.4748

Protanopia

50.9964, -2.9211, 9.5861

Deuteranopia

51.0437, 3.2214, 7.7879



Tritanopia

51.0515, -4.0323, -3.1124

Trichromacy



Original Color

51.1789, -11.1040, 8.4748

Protanomaly

50.9843, -5.8603, 9.1384

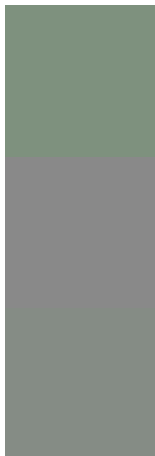
Deuteranomaly

51.0965, -2.3726, 8.1455

Tritanomaly

50.9866, -6.3100, 1.0886

Monochromacy



Original Color

51.1789, -11.1040, 8.4748

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.4343, -5.8498, 4.8883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1789, -11.1040, 8.4748 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(126, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 126)  
}
```

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(126, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1789, -11.1040, 8.4748 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(126, 145, 126) }
```


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

```
.border{ border-color:rgb(126, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1789, -11.1040, 8.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 126) }
```

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

```
.background{ background-color: rgb(126,  
145, 126) }
```

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