

Converting Colors

HunterLab(66.2077, -7.7944,
11.8303)

Have a look what the booklet for
HunterLab(66.2077, -7.7944,
11.8303) contains.

HunterLab(66.2864, -7.7587, 11.7761)	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(66.2864, -7.7587,
11.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B39E
RGB	176, 179, 158
RGB Percent	69%, 70%, 62%
CMY	0.3098, 0.2980, 0.3804
CMYK	0.02, 0.00, 0.12, 0.30
HSL	69°, 12%, 66%
HSV	69°, 12%, 70%
XYZ	40.1961, 43.9389, 38.7102
YIQ	175.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

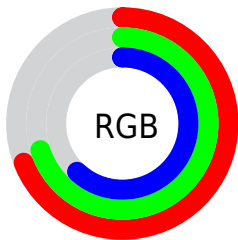
Format	Color
RYB	158, 179, 161
Decimal	11580318
CIELab	72.19, -4.82, 10.37
CIELCh	72, 11.429, 114.917
Yxy	43.9408, 0.3272, 0.3577
Android (android.graphics.Color)	4289770398 (0xFFB0B39E)
YUV	175.7090, -8.7305, 0.2552
Hunter-Lab	66.2864, -7.7587, 11.7761

Details

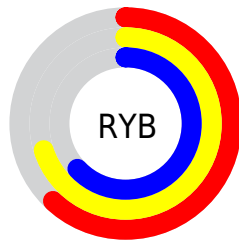
The HunterLab color $66.2864, -7.7587, 11.7761$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $59.4025, 1.4076, -5.9412$, and the grayscale version is $65.8042, -3.5111, 3.5753$.

A 20% lighter version of the original color is $90.2090, -9.4656, 14.0461$, and $44.9380, -6.0184, 9.2328$ is the 20% darker color. If you saturate the color by 10%, you get $65.6300, -10.9746, 17.7994$, and if you desaturate by 10%, it is $67.0105, -4.2270, 4.9207$.

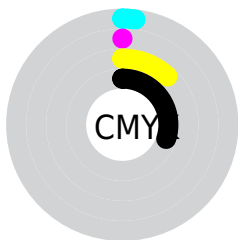
Distribution



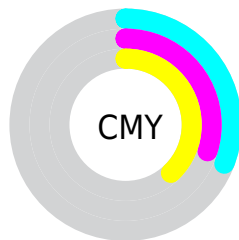
- Red (69%)
- Green (70%)
- Blue (62%)



- Red (62%)
- Yellow (70%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.2864, -7.7587, 11.7761 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 66.2864, -7.7587, 11.7761 by changing the saturation by 10% instead.

■ 66.2864, -7.7587,
11.7761

■ 66.2864, -7.7587,
11.7761

190.3856,
-16.2057, 22.3886

■ 55.3389, -6.9227,
10.6356

■ 90.0714, -9.4958,
14.0677

■ 45.0696, -6.1040,
9.4904

■ 102.8438,
-10.3940, 15.2231

■ 35.5282, -5.3030,
8.3338

116.1686,
-11.3126, 16.3879

■ 26.7753, -4.5166,
7.1533

130.0238,
-12.2515, 17.5633

■ 18.8894, -3.7398,
5.9283

144.3898,
-13.2104, 18.7504

■ 11.9793, -2.9616,
4.7003

159.2491,

■ 4.9227, -4.5252,

-14.1893, 19.9500

3.4459

174.5858,
-15.1878, 21.1626

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2864, -7.7587,
11.7761

■ 66.2864, -7.7587,
11.7761

■ 65.6300, -10.9746,
17.7994

■ 67.0105, -4.2270,
4.9207

■ 65.0359, -13.8668,
22.9870

■ 67.7985, -0.3803,
-2.7614

■ 64.5040, -16.4374,
27.3477

■ 68.6522, 3.7717,
-11.2541

■ 64.0324, -18.6906,
30.8989

■ 69.5716, 8.2187,
-20.5370

■ 63.6186, -20.6349,

■ 70.5561, 12.9489,

33.6687

-30.5845

■ 63.2592, -22.2835,
35.6978

■ 71.1231, 15.4456,
-34.7712

■ 62.9504, -23.6557,
37.0412

■ 71.3587, 16.2001,
-34.3525

■ 62.6867, -24.7786,
37.7731

■ 71.5975, 16.9628,
-33.9297

■ 62.4930, -25.5739,
38.0602

■ 71.8397, 17.7335,
-33.5030

Harmonies

Analogous

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



66.2878, -2.6392, 12.5186



66.2864, -7.7587, 11.7761



66.2878, -11.6392, 8.9186

Triad

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



66.2878, -7.7604, 11.7770



66.2878, -9.2710, -4.7843



66.2878, 6.8696, 2.7475

Complementary

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



66.2864, -7.7587, 11.7761



59.4025, 1.4076, -5.9412

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.



66.2878, 4.9667, -2.1814



66.2864, -7.7587, 11.7761



66.2878, -4.4370, -6.7415

Square

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



66.2878, -7.7604, 11.7770



66.2878, -12.4921, -0.5874



66.2878, 0.7877, -5.7538



66.2878, 5.9128, 7.5464

Rectangle

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



66.2864, -7.7587, 11.7761



66.2878, -13.0538, 6.0706



66.2878, 0.7877, -5.7538



66.2878, 6.5415, 1.0476

Sweetspot

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



66.2878, -7.7604, 11.7770



89.4424, -6.7984, 8.8263



61.2155, 2.1424, 6.4274



42.0650, -3.3699, 4.4866



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



66.2878, -7.7604, 11.7770



88.4804, -11.5023, 17.8828



65.4106, -10.8893, 10.7936



31.3749, -3.2748, 4.8146



52.5522, -21.4187, 32.0075



9.4114, -3.4577, 5.7387

Inverse Universe

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



59.4025, 1.4076, -5.9412



77.3320, 3.3588, -10.8506



60.3332, 4.5492, -4.6559



28.7863, 0.1691, -1.8388



15.7134, 41.5458, -103.3033



3.0967, 7.6400, -16.1131

Previews

White Background



This preview shows how the HunterLab color 66.2864, -7.7587, 11.7761 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 66.2864, -7.7587, 11.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

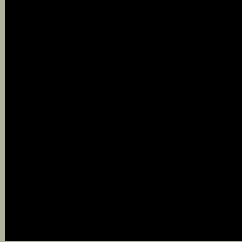
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

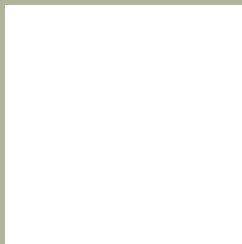
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.2864, -7.7587, 11.7761 Background



This preview shows how black text looks on a background with the HunterLab color 66.2864, -7.7587, 11.7761.



This preview shows how white text looks on a background with the HunterLab color 66.2864, -7.7587,

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

66.2864, -7.7587, 11.7761

Protanopia

66.1810, -3.5649, 12.1411

Deuteranopia

66.2897, 4.4319, 11.1791



Tritanopia

66.3280, 0.2638, -1.6529

Trichromacy



Original Color

66.2864, -7.7587, 11.7761

Protanomaly

66.1995, -5.0289, 12.1348

Deuteranomaly

66.2206, -0.3017, 11.4316

Tritanomaly

66.1881, -2.4222, 3.4825

Monochromacy



Original Color

66.2864, -7.7587, 11.7761

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.9841, -5.1323, 6.8411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2864, -7.7587, 11.7761 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(176, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 158)  
}
```

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(176, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2864, -7.7587, 11.7761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

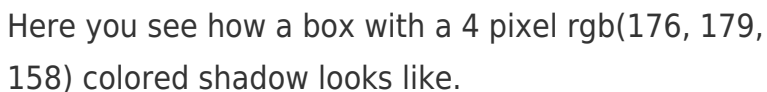
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 179, 158) }
```


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

```
.border{ border-color:rgb(176, 179, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 179, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 179, 158); box-shadow:4px 4px 4px 4px rgb(176, 179, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.2864, -7.7587, 11.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 158) }
```

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

```
.background{ background-color: rgb(176,  
179, 158) }
```

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