

Converting Colors

HunterLab(64.1748, -45.1722,
17.8926)

Have a look what the booklet for
HunterLab(64.1748, -45.1722,
17.8926) contains.

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Color

**HunterLab(64.2435,
-45.2393, 17.9793)**

Conversions

Conversions Part 1

Format	Color
Hex	0BC486
RGB	11, 196, 134
RGB Percent	4%, 77%, 53%
CMY	0.9568, 0.2314, 0.4745
CMYK	0.94, 0.00, 0.32, 0.23
HSL	160°, 89%, 41%
HSV	160°, 94%, 77%
XYZ	24.1810, 41.2723, 29.2462
YIQ	133.6170, -90.3580, -58.5020

Conversions

Conversions Part 2

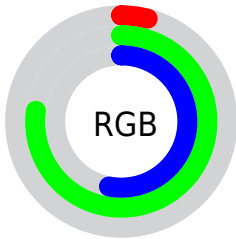
Format	Color
RYB	11, 122, 196
Decimal	771206
CIELab	70.37, -55.45, 19.87
CIELCh	70, 58.898, 160.288
Yxy	41.2739, 0.2553, 0.4358
Android (android.graphics.Color)	4278961286 (0xFF0BC486)
YUV	133.6170, 0.1888, -107.5351
Hunter-Lab	64.2435, -45.2393, 17.9793

Details

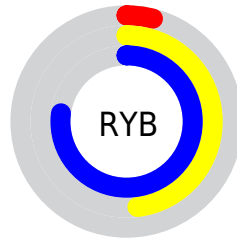
The HunterLab color **64.2435, -45.2393, 17.9793** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.2948, 60.0613, 12.2058**, and the grayscale version is **48.7023, -2.5986, 2.6461**.

A 20% lighter version of the original color is **87.8853, -52.6966, 21.5151**, and **44.3732, -32.9003, 15.5595** is the 20% darker color. If you saturate the color by 10%, you get **64.1104, -45.9535, 19.0680**, and if you desaturate by 10%, it is **64.5578, -43.6580, 16.0261**.

Distribution



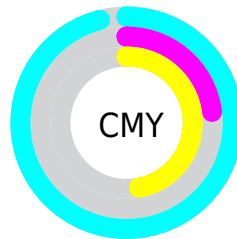
- Red (4%)
- Green (77%)
- Blue (53%)



- Red (4%)
- Yellow (48%)
- Blue (77%)



- Cyan (94%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (96%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2435, -45.2393, 17.9793 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 64.2435, -45.2393, 17.9793 by changing the saturation by 10% instead.

■ 64.2435, -45.2393,
17.9793

■ 64.2435, -45.2393,
17.9793

187.4738,
-74.6560, 32.4085

■ 53.4164, -41.3680,
16.2794

■ 87.8063, -52.4646,
21.2768

■ 43.2758, -37.2635,
14.5262

■ 100.4755,
-55.8788, 22.8915

■ 33.8731, -32.8581,
12.6991

■ 113.7013,
-59.1897, 24.4919

■ 25.2716, -28.0499,
10.7658

■ 127.4614,
-62.4132, 26.0826

■ 17.5542, -22.6911,
8.6744

■ 141.7358,
-65.5622, 27.6671

■ 10.8371, -18.9650,
7.5860

156.5065,

■ 2.0168, -3.5293,

-68.6468, 29.2481

1.4117

171.7574,
-71.6757, 30.8280

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2435, -45.2393,
17.9793

■ 64.2435, -45.2393,
17.9793

■ 64.1104, -45.9535,
19.0680

■ 64.5578, -43.6580,
16.0261

■ 65.0200, -41.4616,
14.1152

■ 65.6507, -38.5899,
12.2824

■ 66.4634, -35.0139,
10.5587

■ 67.4672, -30.7299,

8.9711

■ 68.6674, -25.7555,
7.5419

■ 70.0661, -20.1254,
6.2886

■ 71.6627, -13.8870,
5.2237

■ 73.4542, -7.0964,
4.3547

Harmonies

Analogous

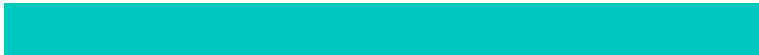
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.2448, -33.5784, 30.8495



64.2435, -45.2393, 17.9793



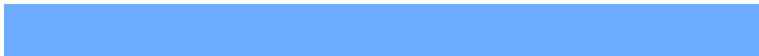
64.2448, -46.8205, -5.9280

Triad

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



64.2448, -45.2398, 17.9798



64.2448, 6.0719, -66.2128



64.2448, 40.9849, 27.8745

Complementary

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



64.2435, -45.2393, 17.9793



35.2948, 60.0613, 12.2058

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.



64.2448, 55.8051, 11.6802



64.2435, -45.2393, 17.9793



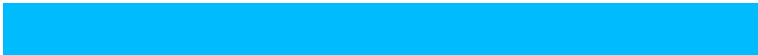
64.2448, 33.5604, -46.5072

Square

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



64.2448, -45.2398, 17.9798



64.2448, -19.9658, -62.2235



64.2448, 52.8844, -15.4145



64.2448, 14.9653, 34.7164

Rectangle

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



64.2435, -45.2393, 17.9793



64.2448, -42.2782, -26.6041



64.2448, 52.8844, -15.4145



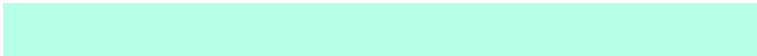
64.2448, 47.6210, 23.6954

Sweetspot

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



64.2448, -45.2398, 17.9798



93.5064, -30.2666, 9.1191



64.0565, -48.6679, 38.3258



42.8854, -15.5180, 4.5673

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2448, -45.2398, 17.9798



86.2581, -62.0277, 26.0848



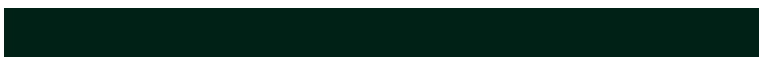
56.7068, -23.2111, -20.0695



33.7182, -4.9016, 2.2139



51.4053, -36.7363, 15.0510



10.7431, -7.2822, 2.2922

Inverse Universe

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



35.2948, 60.0613, 12.2058



46.8224, 81.6014, 19.2737



36.3264, 52.1196, 22.7790



31.8313, 1.5459, 1.4336



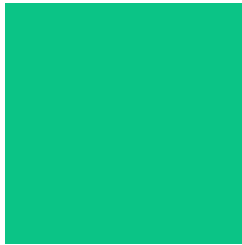
27.9386, 48.7937, 10.7040



5.9181, 10.5475, 0.6256

Previews

White Background



This preview shows how the HunterLab color 64.2435, -45.2393, 17.9793 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 64.2435, -45.2393, 17.9793 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 64.2435, -45.2393, 17.9793 Background



This preview shows how black text looks on a background with the HunterLab color 64.2435, -45.2393, 17.9793.



This preview shows how white text looks on a background with the HunterLab color 64.2435,

-45.2393, 17.9793.

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

64.2435, -45.2393, 17.9793

Protanopia

63.8328, -5.7103, 21.8282

Deuteranopia

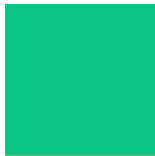
63.5172, 4.3724, 15.6933



Tritanopia

64.0669, -26.1239, -13.2668

Trichromacy



Original Color

64.2435, -45.2393, 17.9793



Protanomaly

61.8383, -27.2860, 18.3755



Deuteranomaly

61.2803, -22.2844, 14.1067



Tritanomaly

63.7539, -34.2335, -0.4848

Monochromacy



Original Color

64.2435, -45.2393, 17.9793



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.8763, -23.3975, 6.8825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2435, -45.2393, 17.9793 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(11, 196, 134)` looks like.

```
.text, #text, p{  
    color:rgb(11, 196, 134)  
}
```

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(11, 196, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 196, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2435, -45.2393, 17.9793 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(11, 196, 134) }
```


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

```
.border{ border-color:rgb(11, 196, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 196, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 196, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 196, 134);  
box-shadow:4px 4px 4px 4px rgb(11, 196,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2435, -45.2393, 17.9793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 196, 134) }
```

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

```
.background{ background-color: rgb(11, 196,  
134) }
```

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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