

Converting Colors

HunterLab(64.6656, -45.7273,
18.5943)

Have a look what the booklet for
HunterLab(64.6656, -45.7273,
18.5943) contains.

HunterLab(64.5845, -45.6799, 18.6257)	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(64.5845,
-45.6799, 18.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	0DC585
RGB	13, 197, 133
RGB Percent	5%, 77%, 52%
CMY	0.9490, 0.2274, 0.4784
CMYK	0.93, 0.00, 0.32, 0.23
HSL	159°, 88%, 41%
HSV	159°, 93%, 77%
XYZ	24.3659, 41.7116, 28.9573
YIQ	134.6880, -89.1200, -58.9120

Conversions

Conversions Part 2

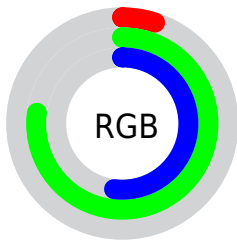
Format	Color
RYB	13, 124, 197
Decimal	902533
CIELab	70.67, -55.96, 20.82
CIELCh	71, 59.704, 159.593
Yxy	41.7132, 0.2564, 0.4389
Android (android.graphics.Color)	4279092613 (0xFF0DC585)
YUV	134.6880, -0.8322, -106.7204
Hunter-Lab	64.5845, -45.6799, 18.6257

Details

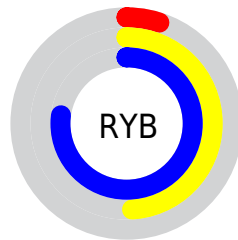
The HunterLab color **64.5845, -45.6799, 18.6257** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.6301, 60.4431, 11.3250**, and the grayscale version is **49.1295, -2.6214, 2.6693**.

A 20% lighter version of the original color is **88.2553, -53.1125, 22.2446**, and **44.6884, -33.3311, 16.0957** is the 20% darker color. If you saturate the color by 10%, you get **64.4245, -46.5381, 19.9375**, and if you desaturate by 10%, it is **64.9168, -44.0154, 16.6216**.

Distribution



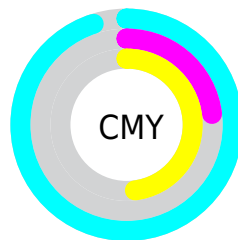
- Red (5%)
- Green (77%)
- Blue (52%)



- Red (5%)
- Yellow (49%)
- Blue (77%)



- Cyan (93%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (95%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5845, -45.6799, 18.6257 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 64.5845, -45.6799, 18.6257 by changing the saturation by 10% instead.

■ 64.5845, -45.6799,
18.6257

■ 64.5845, -45.6799,
18.6257

187.9608,
-75.2977, 33.4484

■ 53.7371, -41.7817,
16.8690

■ 88.1847, -52.9558,
22.0262

■ 43.5748, -37.6492,
15.0545

■ 100.8712,
-56.3938, 23.6881

■ 34.1487, -33.2146,
13.1606

■ 114.1137,
-59.7276, 25.3334

■ 25.5216, -28.3765,
11.1536

■ 127.8898,
-62.9733, 26.9670

■ 17.7758, -22.9814,
8.9800

■ 142.1796,
-66.1436, 28.5926

■ 11.0259, -19.2954,
7.7181

156.9651,

■ 2.7291, -4.7759,

-69.2489, 30.2131

1.9103

172.2304,
-72.2979, 31.8311

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5845, -45.6799,
18.6257

■ 64.5845, -45.6799,
18.6257

■ 64.4245, -46.5381,
19.9375

■ 64.9168, -44.0154,
16.6216

■ 65.4007, -41.7197,
14.6535

■ 66.0565, -38.7359,
12.7573

■ 66.8972, -35.0378,
10.9642

■ 67.9316, -30.6246,

9.3017

■ 69.1645, -25.5166,
7.7926

■ 70.5977, -19.7507,
6.4549

■ 72.2304, -13.3765,
5.3018

■ 74.0592, -6.4517,
4.3413

Harmonies

Analogous

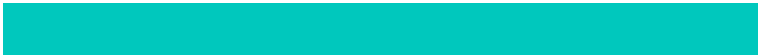
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.5858, -33.6371, 31.3861



64.5845, -45.6799, 18.6257



64.5858, -47.5158, -5.3795

Triad

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



64.5858, -45.6804, 18.6262



64.5858, 5.5405, -67.7214



64.5858, 42.2232, 27.9442

Complementary

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



64.5845, -45.6799, 18.6257



35.6301, 60.4431, 11.3250

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.



64.5858, 56.9417, 11.3016



64.5845, -45.6799, 18.6257



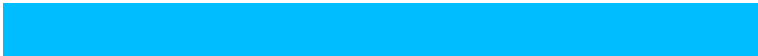
64.5858, 33.5584, -48.0676

Square

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



64.5858, -45.6804, 18.6262



64.5858, -20.7659, -63.0509



64.5858, 53.5311, -16.4502



64.5858, 15.9082, 35.0042

Rectangle

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



64.5845, -45.6799, 18.6257



64.5858, -43.0772, -26.3533



64.5858, 53.5311, -16.4502



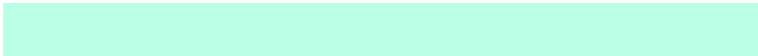
64.5858, 48.8744, 23.6459

Sweetspot

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



64.5858, -45.6804, 18.6262



93.4791, -30.4236, 9.5099



64.4655, -48.7597, 38.5191



42.8710, -15.6013, 4.7734

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.5858, -45.6804, 18.6262



86.1882, -62.4572, 27.0994



57.1348, -23.4182, -20.0217



34.6446, -5.0657, 2.3243



52.2638, -37.6468, 15.9434



11.4309, -7.8346, 2.6249

Inverse Universe

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



35.6301, 60.4431, 11.3250



46.8789, 81.8094, 18.4481



36.6866, 51.9835, 22.9000



32.7060, 1.6185, 1.4232



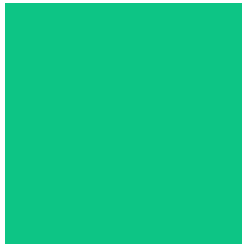
28.4619, 49.7716, 10.4084



6.3030, 11.2316, 0.6809

Previews

White Background



This preview shows how the HunterLab color 64.5845, -45.6799, 18.6257 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 64.5845, -45.6799, 18.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

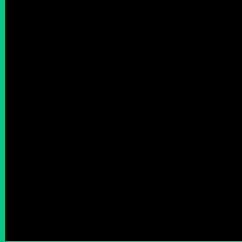
Any Text WCAG AA ✓ Pass

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 64.5845, -45.6799, 18.6257 Background



This preview shows how black text looks on a background with the HunterLab color 64.5845, -45.6799, 18.6257.



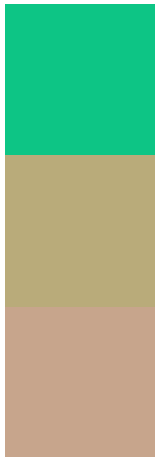
This preview shows how white text looks on a background with the HunterLab color 64.5845,

-45.6799, 18.6257.

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

64.5845, -45.6799, 18.6257

Protanopia

63.9103, -5.4771, 22.2041

Deuteranopia

63.9889, 4.4604, 16.5188



Tritanopia

64.4542, -26.3424, -12.7178

Trichromacy



Original Color

64.5845, -45.6799, 18.6257



Protanomaly

61.8760, -27.1821, 18.7382



Deuteranomaly

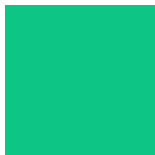
61.7055, -22.3657, 14.8907



Tritanomaly

64.1318, -34.4831, -0.0255

Monochromacy



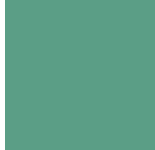
Original Color

64.5845, -45.6799, 18.6257



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

53.2908, -23.4399, 7.3339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5845, -45.6799, 18.6257 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(13, 197, 133)` looks like.

```
.text, #text, p{  
    color:rgb(13, 197, 133)  
}
```

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(13, 197, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 197, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5845, -45.6799, 18.6257 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(13, 197, 133) }
```


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

```
.border{ border-color:rgb(13, 197, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 197, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 197, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 197, 133);  
box-shadow:4px 4px 4px 4px rgb(13, 197,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5845, -45.6799, 18.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 197, 133) }
```

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

```
.background{ background-color: rgb(13, 197,  
133) }
```

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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