

# Converting Colors

HunterLab(65.8023, -45.8559,  
16.9577)

Have a look what the booklet for  
HunterLab(65.8023, -45.8559,  
16.9577) contains.

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# Color

**HunterLab(65.7704,  
-45.8588, 17.0082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04C88D
RGB	4, 200, 141
RGB Percent	2%, 78%, 55%
CMY	0.9842, 0.2157, 0.4471
CMYK	0.98, 0.00, 0.30, 0.22
HSL	162°, 96%, 40%
HSV	162°, 98%, 78%
XYZ	25.5121, 43.2575, 32.2042
YIQ	134.6700, -97.8770, -59.9010

# Conversions

## Conversions Part 2

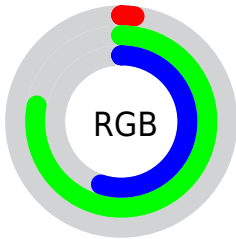
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 119, 200
Decimal	313485
CIELab	71.73, -55.61, 18.00
CIELCh	72, 58.454, 162.061
Yxy	43.2592, 0.2527, 0.4284
Android (android.graphics.Color)	4278503565 (0xFF04C88D)
YUV	134.6700, 3.1207, -114.5976
Hunter-Lab	65.7704, -45.8588, 17.0082

# Details

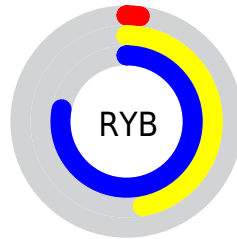
The HunterLab color **65.7704, -45.8588, 17.0082** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.6738, 61.4704, 15.2371**, and the grayscale version is **49.1104, -2.6204, 2.6683**.

A 20% lighter version of the original color is **88.4459, -51.8992, 18.9812**, and **45.8324, -33.4179, 14.8530** is the 20% darker color. If you saturate the color by 10%, you get **65.7247, -46.1076, 17.3829**, and if you desaturate by 10%, it is **66.0392, -44.4801, 15.1232**.

# Distribution



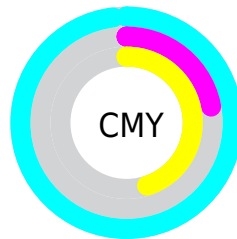
- Red (2%)
- Green (78%)
- Blue (55%)



- Red (2%)
- Yellow (47%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)




- Cyan (98%)
- Magenta (22%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7704, -45.8588, 17.0082 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 65.7704, -45.8588, 17.0082 by changing the saturation by 10% instead.





 65.7704, -45.8588,  
17.0082


 65.7704, -45.8588,  
17.0082


189.6514,  
-75.2387, 30.6602


 54.8530, -42.0044,  
15.4259


 89.4996, -53.0629,  
20.0970

 44.6159, -37.9235,  
13.8021


 102.2461,  
-56.4707, 21.6175

 35.1092, -33.5515,  
12.1197


 115.5460,  
-59.7772, 23.1291

 26.3941, -28.7917,  
10.3518

 129.3774,  
-62.9978, 24.6356

 18.5504, -23.4950,  
8.4548

 143.7204,  
-66.1450, 26.1398

 11.6883, -20.4545,  
7.3941

158.5574,

 4.3770, -7.6597,

-69.2289, 27.6442

3.0639

173.8726,  
-72.2578, 29.1505

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7704, -45.8588,  
17.0082

■ 65.7704, -45.8588,  
17.0082

■ 65.7247, -46.1076,  
17.3829

■ 66.0392, -44.4801,  
15.1232

■ 66.4435, -42.5371,  
13.2881

■ 67.0121, -39.9322,  
11.5461

■ 67.7611, -36.6236,  
9.9296

■ 68.7014, -32.5968,

8.4662

■ 69.8400, -27.8607,  
7.1785

■ 71.1804, -22.4431,  
6.0838

■ 72.7232, -16.3865,  
5.1942

■ 74.4662, -9.7440,  
4.5166

# Harmonies

## Analogous

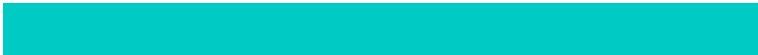
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.7717, -34.7136, 30.6440



65.7704, -45.8588, 17.0082



65.7717, -46.8536, -7.5588

# Triad

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



65.7717, -45.8593, 17.0088



65.7717, 7.6529, -65.0434



65.7717, 39.4837, 28.7568

# Complementary

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



65.7704, -45.8588, 17.0082



35.6738, 61.4704, 15.2371

# 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.



65.7717, 55.1274, 13.0578



65.7704, -45.8588, 17.0082



65.7717, 34.8676, -44.4551

# Square

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



65.7717, -45.8593, 17.0088



65.7717, -18.7045, -62.5814



65.7717, 53.3139, -13.4578



65.7717, 13.1963, 35.3045



# Rectangle

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



65.7704, -45.8588, 17.0082



65.7717, -41.8736, -28.2768



65.7717, 53.3139, -13.4578



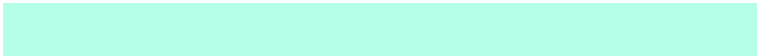
65.7717, 46.3381, 24.7166

# Sweetspot

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



65.7717, -45.8593, 17.0088



93.3906, -30.5996, 8.1941



65.1767, -51.2624, 39.1591



42.8462, -15.6087, 4.0720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.7717, -45.8593, 17.0088



86.4544, -60.8231, 23.2391



55.4737, -20.6107, -24.5831



34.6570, -4.9966, 2.1472



52.4232, -36.6689, 13.6332



11.4615, -7.6484, 2.1849



# Inverse Universe

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



35.6738, 61.4704, 15.2371



46.6825, 81.0860, 21.3220



37.1522, 53.1731, 23.6397



32.6935, 1.5509, 1.6024



28.3382, 49.3164, 12.2152

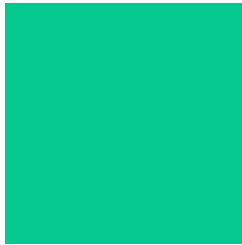


6.2712, 11.1156, 1.1375



# Previews

## White Background



This preview shows how the HunterLab color 65.7704, -45.8588, 17.0082 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 65.7704, -45.8588, 17.0082 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

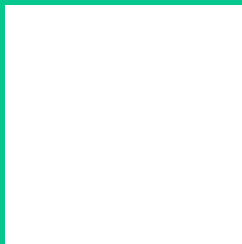
Any Text WCAG AAA ✓ Pass

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

## HunterLab 65.7704, -45.8588, 17.0082 Background



This preview shows how black text looks on a background with the HunterLab color 65.7704, -45.8588, 17.0082.



This preview shows how white text looks on a background with the HunterLab color 65.7704,

-45.8588, 17.0082.

# 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

65.7704, -45.8588, 17.0082

### Protanopia

65.1321, -5.4759, 21.1322

### Deuteranopia

65.1327, 4.3203, 14.7064



## Tritanopia

65.8768, -27.4205, -13.0162

# Trichromacy



## Original Color

65.7704, -45.8588, 17.0082



## Protanomaly

62.8916, -27.9993, 17.3438



## Deuteranomaly

62.7327, -23.0392, 12.9343



## Tritanomaly

65.5626, -35.5044, -0.7358

# Monochromacy



## Original Color

65.7704, -45.8588, 17.0082



## Achromatopsia

49.2221, -2.6264, 2.6743



## Achromatomaly

53.5058, -24.0977, 6.3227

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.7704, -45.8588, 17.0082 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(4, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(4, 200, 141)  
}
```

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(4, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 200, 141) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.7704, -45.8588, 17.0082 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(4, 200, 141) }
```



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

```
.border{ border-color:rgb(4, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(4, 200,  
141) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.7704, -45.8588, 17.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 200, 141) }
```

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

```
.background{ background-color: rgb(4, 200,  
141) }
```

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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