

Converting Colors

HunterLab(66.7835, -49.7051,
23.8254)

Have a look what the booklet for
HunterLab(66.7835, -49.7051,
23.8254) contains.

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Color

**HunterLab(66.7764,
-49.7486, 23.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC7A
RGB	0, 204, 122
RGB Percent	0%, 80%, 48%
CMY	0.9999, 0.2000, 0.5216
CMYK	1.00, 0.00, 0.40, 0.20
HSL	156°, 100%, 40%
HSV	156°, 100%, 80%
XYZ	25.1057, 44.5909, 25.6960
YIQ	133.6560, -95.2620, -68.7500

Conversions

Conversions Part 2

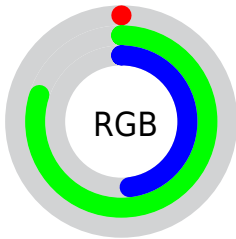
Format	Color
RYB	0, 128, 204
Decimal	52346
CIELab	72.62, -61.18, 29.20
CIELCh	73, 67.792, 154.484
Yxy	44.5927, 0.2632, 0.4674
Android (android.graphics.Color)	4278242426 (0xFF00CC7A)
YUV	133.6560, -5.7464, -117.2163
Hunter-Lab	66.7764, -49.7486, 23.9283

Details

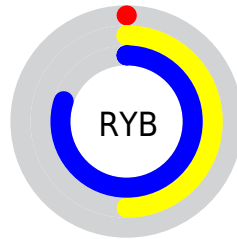
The HunterLab color **66.7764, -49.7486, 23.9283** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **36.6710, 64.4598, 10.8131**, and the grayscale version is **48.7417, -2.6007, 2.6482**.

A 20% lighter version of the original color is **87.9670, -54.7873, 25.9098**, and **46.5271, -36.3070, 20.2215** is the 20% darker color. If you saturate the color by 10%, you get **66.7775, -49.7503, 23.9304**, and if you desaturate by 10%, it is **67.0505, -48.2985, 21.7327**.

Distribution



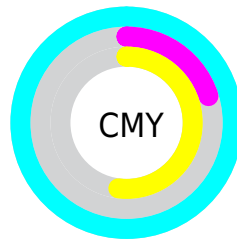
- Red (0%)
- Green (80%)
- Blue (48%)



- Red (0%)
- Yellow (50%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7764, -49.7486, 23.9283 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 66.7764, -49.7486, 23.9283 by changing the saturation by 10% instead.

■ 66.7764, -49.7486,
23.9283

■ 66.7764, -49.7486,
23.9283

191.0815,
-81.5094, 42.2692

■ 55.8003, -45.5535,
21.6628

■ 90.6139, -57.5735,
28.2513

■ 45.5005, -41.1065,
19.2998

■ 103.4107,
-61.2668, 30.3361

■ 35.9264, -36.3379,
16.8095

■ 116.7590,
-64.8451, 32.3833

■ 27.1377, -31.1453,
14.1482

■ 130.6367,
-68.3255, 34.4003

■ 19.2123, -25.3736,
11.3336

■ 145.0245,
-71.7219, 36.3931

■ 12.2570, -21.4497,
8.5799

159.9049,

■ 5.3886, -9.4300,

-75.0453, 38.3663

3.7720

175.2620,
-78.3052, 40.3239

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7764, -49.7486,
23.9283

■ 66.7764, -49.7486,
23.9283

■ 66.7775, -49.7503,
23.9304

■ 67.0505, -48.2985,
21.7327

■ 67.4550, -46.2874,
19.4859

■ 68.0298, -43.5719,
17.2409

■ 68.7925, -40.1046,
15.0346

■ 69.7551, -35.8691,

12.9006

■ 70.9251, -30.8751,
10.8691

■ 72.3063, -25.1531,
8.9665

■ 73.8992, -18.7500,
7.2141

■ 75.7017, -11.7240,
5.6285

Harmonies

Analogous

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



66.7777, -34.4012, 35.7433



66.7764, -49.7486, 23.9283



66.7777, -53.6888, -1.0087

Triad

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



66.7777, -49.7492, 23.9288



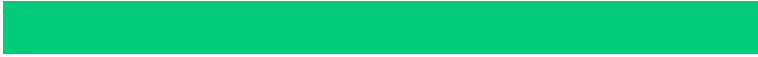
66.7777, 1.2150, -82.6012



66.7777, 53.7806, 28.6446

Complementary

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



66.7764, -49.7486, 23.9283



36.6710, 64.4598, 10.8131

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.



66.7777, 67.8339, 7.9673



66.7764, -49.7486, 23.9283



66.7777, 34.1308, -63.0673

Square

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



66.7777, -49.7492, 23.9288



66.7777, -27.6138, -71.6491



66.7777, 60.0526, -26.1065



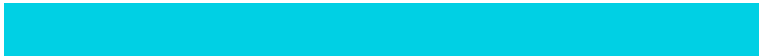
66.7777, 24.4530, 37.4513

Rectangle

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



66.7764, -49.7486, 23.9283



66.7777, -50.0724, -24.7862



66.7777, 60.0526, -26.1065



66.7777, 60.6710, 23.3107

Sweetspot

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



66.7777, -49.7492, 23.9288



92.9728, -32.6796, 11.6328



67.1708, -50.2076, 40.5110



42.6490, -16.6185, 5.8569

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7777, -49.7492, 23.9288



85.9088, -64.1789, 31.1654



63.1684, -29.5268, -15.2142



35.5636, -5.2942, 2.5984



52.9951, -39.3592, 18.7261



12.0980, -8.5635, 3.3646

Inverse Universe

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



36.6710, 64.4598, 10.8131



47.1481, 82.7986, 14.5278



36.3858, 59.4770, 23.4613



33.5964, 1.7545, 1.2455



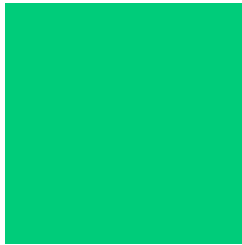
29.1218, 51.2484, 8.1489



6.7261, 12.0476, 0.2467

Previews

White Background



This preview shows how the HunterLab color 66.7764, -49.7486, 23.9283 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 66.7764, -49.7486, 23.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

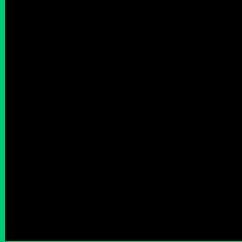
Any Text WCAG AA ✓ Pass

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 66.7764, -49.7486, 23.9283 Background



This preview shows how black text looks on a background with the HunterLab color 66.7764, -49.7486, 23.9283.



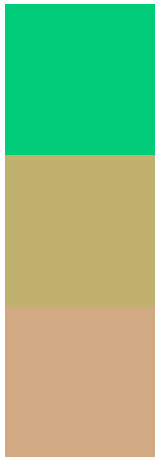
This preview shows how white text looks on a background with the HunterLab color 66.7764,

-49.7486, 23.9283.

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

66.7764, -49.7486, 23.9283

Protanopia

66.2793, -6.6908, 27.2708

Deuteranopia

65.9871, 4.9302, 21.7715



Tritanopia

66.8153, -27.0976, -12.8308

Trichromacy



Original Color

66.7764, -49.7486, 23.9283



Protanomaly

64.0230, -31.0938, 23.8857



Deuteranomaly

63.2256, -25.2943, 19.6877



Tritanomaly

66.4581, -37.5989, 3.1844

Monochromacy



Original Color

66.7764, -49.7486, 23.9283



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

53.2346, -25.5166, 8.8349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7764, -49.7486, 23.9283 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(0, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 122)  
}
```

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(0, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7764, -49.7486, 23.9283 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(0, 204, 122) }
```


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

```
.border{ border-color:rgb(0, 204, 122) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7764, -49.7486, 23.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 122) }
```

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

```
.background{ background-color: rgb(0, 204,  
122) }
```

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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