

# Converting Colors

HunterLab(64.3744, -49.4664,  
26.8371)

Have a look what the booklet for  
HunterLab(64.3744, -49.4664,  
26.8371) contains.

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# Color

**HunterLab(64.3784,  
-49.4302, 26.7427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09C668
RGB	9, 198, 104
RGB Percent	4%, 78%, 41%
CMY	0.9647, 0.2235, 0.5921
CMYK	0.95, 0.00, 0.47, 0.22
HSL	150°, 91%, 41%
HSV	150°, 95%, 78%
XYZ	22.8055, 41.4458, 19.8946
YIQ	130.7730, -82.4700, -69.3020

# Conversions

## Conversions Part 2

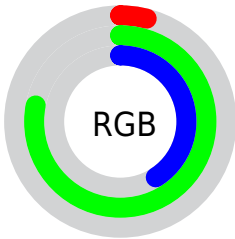
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 135, 198
Decimal	640616
CIELab	70.49, -62.09, 35.63
CIELCh	70, 71.587, 150.154
Yxy	41.4475, 0.2710, 0.4925
Android (android.graphics.Color)	4278830696 (0xFF09C668)
YUV	130.7730, -13.1991, -106.7949
Hunter-Lab	64.3784, -49.4302, 26.7427

# Details

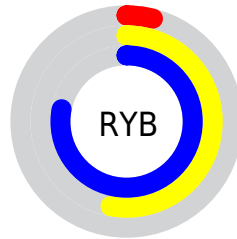
The HunterLab color **64.3784, -49.4302, 26.7427** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **36.3061, 63.4885, 2.5234**, and the grayscale version is **47.6272, -2.5413, 2.5877**.

A 20% lighter version of the original color is **87.6043, -57.0521, 31.6957**, and **44.6220, -36.1325, 22.2261** is the 20% darker color. If you saturate the color by 10%, you get **64.2656, -50.0478, 27.7125**, and if you desaturate by 10%, it is **64.6991, -47.7679, 24.4831**.

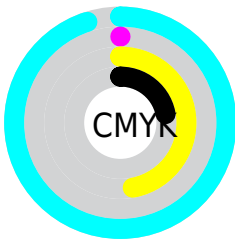
# Distribution



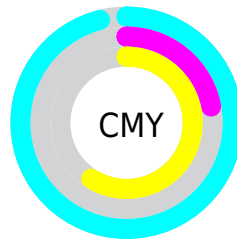
- Red (4%)
- Green (78%)
- Blue (41%)



- Red (4%)
- Yellow (53%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)




- Cyan (96%)
- Magenta (22%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3784, -49.4302, 26.7427 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 64.3784, -49.4302, 26.7427 by changing the saturation by 10% instead.





 64.3784, -49.4302,  
26.7427


 64.3784, -49.4302,  
26.7427


187.6665,  
-81.7976, 47.9809

 53.5433, -45.1261,  
24.0420


 87.9561, -57.4354,  
31.8429


 43.3941, -40.5519,  
21.2044


 100.6321,  
-61.2052, 34.2793


 33.9821, -35.6310,  
18.1916


 113.8645,  
-64.8532, 36.6582

 25.3705, -30.2505,  
14.9516

 127.6310,  
-68.3978, 38.9896

 17.6418, -24.3972,  
12.3493

 141.9114,  
-71.8535, 41.2816

 10.9117, -19.0955,  
7.6382

156.6880,

 2.3250, -4.0687,

-75.2324, 43.5407

1.6275

171.9446,  
-78.5444, 45.7723

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3784, -49.4302,  
26.7427

■ 64.3784, -49.4302,  
26.7427

■ 64.2656, -50.0478,  
27.7125

■ 64.6991, -47.7679,  
24.4831

■ 65.1772, -45.4236,  
22.1109

■ 65.8348, -42.3327,  
19.6626

■ 66.6858, -38.4665,  
17.1736

■ 67.7396, -33.8249,

14.6784

■ 69.0015, -28.4319,  
12.2100

■ 70.4729, -22.3299,  
9.7982

■ 72.1528, -15.5754,  
7.4693

■ 74.0375, -8.2335,  
5.2449

# Harmonies

## Analogous

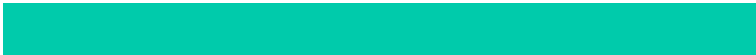
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3797, -32.0962, 36.7497



64.3784, -49.4302, 26.7427



64.3797, -55.0524, 3.3429

# Triad

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



64.3797, -49.4309, 26.7431



64.3797, -3.2689, -89.6873



64.3797, 60.5042, 26.9045

# Complementary

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



64.3784, -49.4302, 26.7427



36.3061, 63.4885, 2.5234

# 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.



64.3797, 72.3415, 3.6655



64.3784, -49.4302, 26.7427



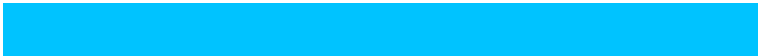
64.3797, 31.3171, -72.7107

# Square

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



64.3797, -49.4309, 26.7431



64.3797, -31.8562, -73.0340



64.3797, 60.7348, -33.9685



64.3797, 30.9643, 36.8048



# Rectangle

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



64.3784, -49.4302, 26.7427



64.3797, -52.5005, -20.7192



64.3797, 60.7348, -33.9685



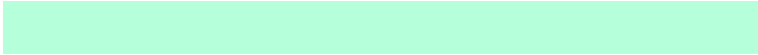
64.3797, 66.9208, 20.9050

# Sweetspot

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



64.3797, -49.4309, 26.7431



92.9641, -33.0588, 14.3060



65.8203, -44.9573, 39.5381



42.6236, -16.9005, 7.2639

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.3797, -49.4309, 26.7431



85.4886, -66.7794, 37.3044



66.7273, -35.1802, -6.9721



34.6054, -5.2841, 2.8840



51.8412, -40.2557, 22.1034



11.3453, -8.3601, 3.8665



# Inverse Universe

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



36.3061, 63.4885, 2.5234



47.7367, 84.9510, 6.0361



34.9594, 58.4877, 22.1270



32.7467, 1.8368, 0.8444



28.9902, 51.7047, 2.7790

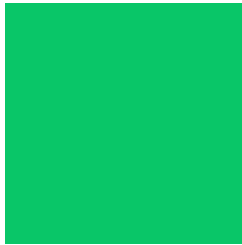


6.4232, 11.6674, -1.0242



# Previews

## White Background



This preview shows how the HunterLab color 64.3784, -49.4302, 26.7427 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 64.3784, -49.4302, 26.7427 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 64.3784, -49.4302, 26.7427 Background



This preview shows how black text looks on a background with the HunterLab color 64.3784, -49.4302, 26.7427.



This preview shows how white text looks on a background with the HunterLab color 64.3784, -49.4302, 26.7427.

-49.4302, 26.7427.

# 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

64.3784, -49.4302, 26.7427

### Protanopia

63.7380, -7.0193, 29.3015

### Deuteranopia

63.5341, 4.7210, 24.6529



## Tritanopia

64.2657, -25.4375, -12.3960

# Trichromacy



## Original Color

64.3784, -49.4302, 26.7427



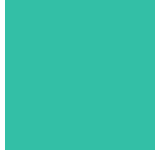
## Protanomaly

61.7580, -30.3362, 26.4304



## Deuteranomaly

61.0285, -24.4026, 22.8467



## Tritanomaly

63.8111, -36.4804, 5.1611

# Monochromacy



## Original Color

64.3784, -49.4302, 26.7427



## Achromatopsia

47.6409, -2.5420, 2.5884



## Achromatomaly

51.8164, -24.8716, 10.7954

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.3784, -49.4302, 26.7427 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(9, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(9, 198, 104)  
}
```

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(9, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 198, 104) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.3784, -49.4302, 26.7427 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(9, 198, 104) }
```



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

```
.border{ border-color:rgb(9, 198, 104) }
```

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

Here you see how a box with a 4 pixel rgb(9, 198, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 198, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 198, 104);  
box-shadow:4px 4px 4px 4px rgb(9, 198,  
104) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.3784, -49.4302, 26.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 198, 104) }
```

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

```
.background{ background-color: rgb(9, 198,  
104) }
```

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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