

# Converting Colors

HunterLab(63.2243, -50.1919,  
20.3804)

Have a look what the booklet for  
HunterLab(63.2243, -50.1919,  
20.3804) contains.

<b>HunterLab(63.9609, -46.8645, 21.2215)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(63.9609,  
-46.8645, 21.2215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C47B
RGB	0, 196, 123
RGB Percent	0%, 77%, 48%
CMY	0.9999, 0.2314, 0.5176
CMYK	1.00, 0.00, 0.37, 0.23
HSL	158°, 100%, 38%
HSV	158°, 100%, 77%
XYZ	23.3151, 40.9100, 25.4065
YIQ	129.0740, -93.3830, -64.2550

# Conversions

## Conversions Part 2

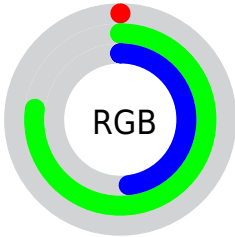
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 196
Decimal	50299
CIELab	70.11, -58.18, 25.34
CIELCh	70, 63.461, 156.463
Yxy	40.9116, 0.2601, 0.4564
Android (android.graphics.Color)	4278240379 (0xFF00C47B)
YUV	129.0740, -2.9945, -113.1979
Hunter-Lab	63.9609, -46.8645, 21.2215

# Details

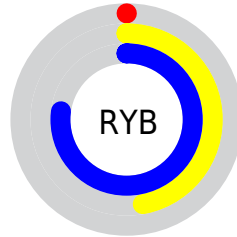
The HunterLab color **63.9609, -46.8645, 21.2215** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.9540, 61.2341, 11.9135**, and the grayscale version is **46.9232, -2.5037, 2.5494**.

A 20% lighter version of the original color is **87.5619, -54.5185, 25.1885**, and **44.1937, -34.0102, 18.1800** is the 20% darker color. If you saturate the color by 10%, you get **63.9620, -46.8661, 21.2236**, and if you desaturate by 10%, it is **64.2230, -45.4877, 19.1821**.

# Distribution



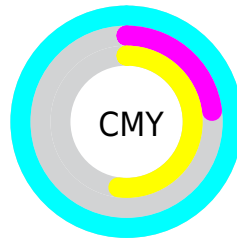
- Red (0%)
- Green (77%)
- Blue (48%)



- Red (0%)
- Yellow (47%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)




- Cyan (100%)
- Magenta (23%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9609, -46.8645, 21.2215 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 63.9609, -46.8645, 21.2215 by changing the saturation by 10% instead.





 63.9609, -46.8645,  
21.2215

 63.9609, -46.8645,  
21.2215


187.0698,  
-77.5177, 37.9669


 53.1507, -42.8091,  
19.1799


 87.4927, -54.4193,  
25.1327


 43.0281, -38.5035,  
17.0552


 100.1474,  
-57.9829, 27.0268


 33.6449, -33.8754,  
14.8190


 113.3594,  
-61.4351, 28.8918

 25.0646, -28.8170,  
12.4292

 127.1063,  
-64.7929, 30.7344

 17.3710, -23.2460,  
9.9317

 141.3678,  
-68.0699, 32.5594

 10.6812, -18.6922,  
7.4769

156.1261,

 1.1231, -1.9655,

-71.2772, 34.3710

0.7862

171.3650,  
-74.4239, 36.1726

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9609, -46.8645,  
21.2215

■ 63.9609, -46.8645,  
21.2215

■ 63.9620, -46.8661,  
21.2236

■ 64.2230, -45.4877,  
19.1821

■ 64.6069, -43.5914,  
17.1192

■ 65.1514, -41.0356,  
15.0847

■ 65.8730, -37.7753,  
13.1128

■ 66.7831, -33.7945,

11.2345

■ 67.8890, -29.1013,  
9.4767

■ 69.1942, -23.7231,  
7.8623

■ 70.6995, -17.7030,  
6.4093

■ 72.4030, -11.0946,  
5.1311

# Harmonies

## Analogous

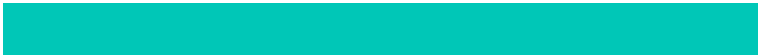
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9622, -33.2483, 33.1037



63.9609, -46.8645, 21.2215



63.9622, -49.8591, -2.7700

# Triad

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



63.9622, -46.8651, 21.2220



63.9622, 2.9706, -74.6381



63.9622, 47.7850, 27.6325

# Complementary

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



63.9609, -46.8645, 21.2215



34.9540, 61.2341, 11.9135

# 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.



63.9622, 61.8180, 9.1597



63.9609, -46.8645, 21.2215



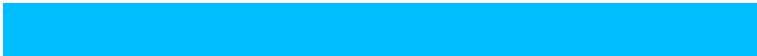
63.9622, 33.1382, -55.4165

# Square

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



63.9622, -46.8651, 21.2220



63.9622, -24.1604, -66.5688



63.9622, 56.0301, -21.4768



63.9622, 20.3629, 35.4870



# Rectangle

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



63.9609, -46.8645, 21.2215



63.9622, -46.0070, -24.8930



63.9622, 56.0301, -21.4768



63.9622, 54.4275, 22.8678

# Sweetspot

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



63.9622, -46.8651, 21.2220



93.0392, -32.2963, 10.6813



64.0180, -48.8667, 38.5917



42.6835, -16.4182, 5.3624

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.9622, -46.8651, 21.2220



86.0574, -63.2627, 29.0018



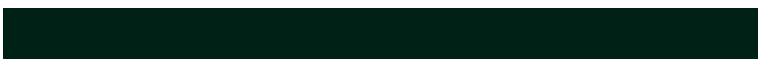
58.2460, -25.5166, -17.7185



33.7087, -4.9548, 2.3505



51.2869, -37.4639, 16.7697



10.7213, -7.4150, 2.6061



# Inverse Universe

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



34.9540, 61.2341, 11.9135



46.9956, 82.2388, 16.7448



35.1345, 55.7210, 22.6244



31.8411, 1.5983, 1.2945



28.0451, 49.1853, 9.1518



5.9432, 10.6390, 0.2662



# Previews

## White Background



This preview shows how the HunterLab color 63.9609, -46.8645, 21.2215 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 63.9609, -46.8645, 21.2215 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 63.9609, -46.8645, 21.2215 Background



This preview shows how black text looks on a background with the HunterLab color 63.9609, -46.8645, 21.2215.



This preview shows how white text looks on a background with the HunterLab color 63.9609, -46.8645, 21.2215.

-46.8645, 21.2215.

# 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

63.9609, -46.8645, 21.2215

### Protanopia

63.4300, -6.0159, 24.6512

### Deuteranopia

63.3344, 4.7558, 19.0081



## Tritanopia

63.7841, -25.5813, -13.0844

# Trichromacy



## Original Color

63.9609, -46.8645, 21.2215



## Protanomaly

61.1169, -28.8459, 21.1258



## Deuteranomaly

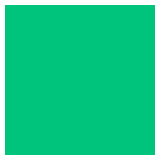
60.6057, -23.6553, 16.9521



## Tritanomaly

63.5625, -35.3034, 1.6712

# Monochromacy



## Original Color

63.9609, -46.8645, 21.2215



## Achromatopsia

46.8536, -2.5000, 2.5456



## Achromatomaly

51.0966, -24.0869, 7.7655

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.9609, -46.8645, 21.2215 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, 196, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 123)  
}
```

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, 196, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.9609, -46.8645, 21.2215 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, 196, 123) }
```



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

```
.border{ border-color:rgb(0, 196, 123) }
```

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

Here you see how a box with a 4 pixel rgb(0, 196, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.9609, -46.8645, 21.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 123) }
```

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

```
.background{ background-color: rgb(0, 196,  
123) }
```

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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