

Converting Colors

HunterLab(67.1087, -47.7040,
19.0993)

Have a look what the booklet for
HunterLab(67.1087, -47.7040,
19.0993) contains.

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Color

**HunterLab(67.1192,
-47.6398, 18.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC8B
RGB	0, 204, 139
RGB Percent	0%, 80%, 55%
CMY	0.9999, 0.2000, 0.4549
CMYK	1.00, 0.00, 0.32, 0.20
HSL	161°, 100%, 40%
HSV	161°, 100%, 80%
XYZ	26.2531, 45.0499, 31.7380
YIQ	135.5940, -100.7190, -63.4630

Conversions

Conversions Part 2

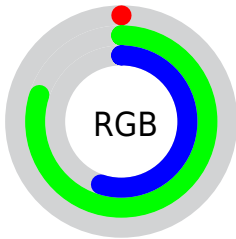
Format	Color
RYB	0, 121, 204
Decimal	52363
CIELab	72.93, -57.67, 20.71
CIELCh	73, 61.278, 160.246
Yxy	45.0517, 0.2548, 0.4372
Android (android.graphics.Color)	4278242443 (0xFF00CC8B)
YUV	135.5940, 1.6792, -118.9159
Hunter-Lab	67.1192, -47.6398, 18.9476

Details

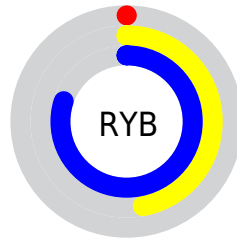
The HunterLab color **67.1192, -47.6398, 18.9476** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.3597, 63.3141, 15.3524**, and the grayscale version is **49.4833, -2.6403, 2.6885**.

A 20% lighter version of the original color is **88.4280, -52.0730, 19.7497**, and **46.7986, -34.6276, 16.2570** is the 20% darker color. If you saturate the color by 10%, you get **67.1203, -47.6417, 18.9502**, and if you desaturate by 10%, it is **67.3799, -46.2800, 16.9578**.

Distribution



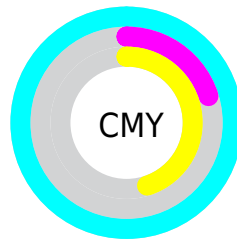
- Red (0%)
- Green (80%)
- Blue (55%)



- Red (0%)
- Yellow (47%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.1192, -47.6398, 18.9476 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 67.1192, -47.6398, 18.9476 by changing the saturation by 10% instead.

■ 67.1192, -47.6398,
18.9476

■ 67.1192, -47.6398,
18.9476

191.5679,
-77.8272, 33.7010

■ 56.1232, -43.6773,
17.2079

■ 90.9934, -55.0470,
22.3230

■ 45.8022, -39.4836,
15.4149

■ 103.8072,
-58.5503, 23.9754

■ 36.2053, -34.9942,
13.5490

■ 117.1718,
-61.9488, 25.6126

■ 27.3918, -30.1137,
11.5798

■ 131.0653,
-65.2583, 27.2393

■ 19.4389, -24.6961,
9.4595

■ 145.4683,
-68.4913, 28.8589

■ 12.4521, -21.7912,
8.1922

160.3633,

■ 5.6913, -9.9599,

-71.6583, 30.4743

3.9839

175.7346,
-74.7679, 32.0877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1192, -47.6398,
18.9476

■ 67.1192, -47.6398,
18.9476

■ 67.1203, -47.6417,
18.9502

■ 67.3799, -46.2800,
16.9578

■ 67.7660, -44.3918,
14.9883

■ 68.3173, -41.8322,
13.0931

■ 69.0515, -38.5519,
11.3071

■ 69.9808, -34.5314,

9.6603

■ 71.1130, -29.7761,
8.1783

■ 72.4523, -24.3118,
6.8811

■ 73.9997, -18.1805,
5.7837

■ 75.7536, -11.4357,
4.8956

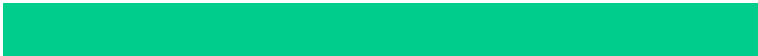
Harmonies

Analogous

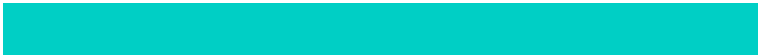
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.1205, -35.3512, 32.4419



67.1192, -47.6398, 18.9476



67.1205, -49.3178, -6.2600

Triad

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



67.1205, -47.6403, 18.9482



67.1205, 6.4083, -70.2158



67.1205, 43.3956, 29.2982

Complementary

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



67.1192, -47.6398, 18.9476



36.3597, 63.3141, 15.3524

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.



67.1205, 59.0579, 12.2532



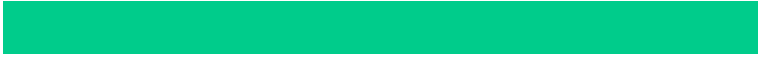
67.1192, -47.6398, 18.9476



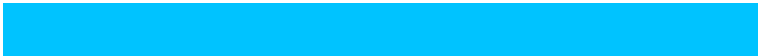
67.1205, 35.4701, -49.3296

Square

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



67.1205, -47.6403, 18.9482



67.1205, -21.0648, -65.9417



67.1205, 55.9381, -16.3851



67.1205, 15.8897, 36.4638

Rectangle

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



67.1192, -47.6398, 18.9476



67.1205, -44.5498, -28.1382



67.1205, 55.9381, -16.3851



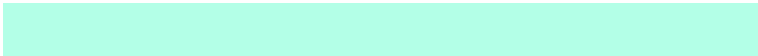
67.1205, 50.4117, 24.9084

Sweetspot

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



67.1205, -47.6403, 18.9482



93.1625, -31.5855, 8.9173



66.6460, -52.4074, 40.1489



42.7476, -16.0457, 4.4433

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.1205, -47.6403, 18.9482



86.3515, -61.4539, 24.7294



57.5429, -22.2939, -23.7961



35.5863, -5.1680, 2.2748



53.2657, -37.6949, 14.7949



12.1537, -8.2230, 2.5601

Inverse Universe

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



36.3597, 63.3141, 15.3524



46.7525, 81.3441, 20.2959



37.3939, 56.1680, 24.0243



33.5732, 1.6300, 1.5755



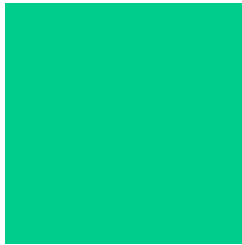
28.8710, 50.3270, 11.7993



6.6622, 11.8146, 1.1624

Previews

White Background



This preview shows how the HunterLab color 67.1192, -47.6398, 18.9476 looks on a white background.

Color Contrast Check

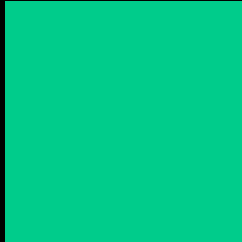
Large Text (above 18pt) WCAG AA × Fail

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 67.1192, -47.6398, 18.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

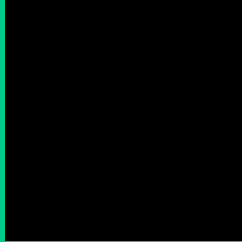
Any Text WCAG AA ✓ Pass

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 67.1192, -47.6398, 18.9476 Background



This preview shows how black text looks on a background with the HunterLab color 67.1192, -47.6398, 18.9476.



This preview shows how white text looks on a background with the HunterLab color 67.1192, -47.6398, 18.9476.

-47.6398, 18.9476.

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

67.1192, -47.6398, 18.9476

Protanopia

66.3724, -5.7832, 22.8610

Deuteranopia

66.4682, 4.3345, 16.7760



Tritanopia

67.1085, -27.5394, -13.5783

Trichromacy



Original Color

67.1192, -47.6398, 18.9476



Protanomaly

64.2782, -29.4741, 19.2856



Deuteranomaly

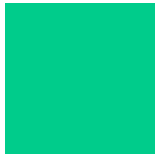
63.7150, -24.3808, 14.6522



Tritanomaly

66.6700, -36.2624, -0.3713

Monochromacy



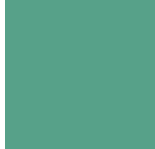
Original Color

67.1192, -47.6398, 18.9476



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

54.1499, -24.9092, 7.0174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.1192, -47.6398, 18.9476 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 67.1192, -47.6398, 18.9476 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, 139) }
```


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

```
.border{ border-color:rgb(0, 204, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.1192, -47.6398, 18.9476 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, 139) }
```

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

```
.background{ background-color: rgb(0, 204,  
139) }
```

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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