

Converting Colors

HunterLab(61.1510, -64.5899,
19.0372)

Have a look what the booklet for
HunterLab(61.1510, -64.5899,
19.0372) contains.

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Color

**HunterLab(64.9826,
-48.1385, 22.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	00C779
RGB	0, 199, 121
RGB Percent	0%, 78%, 47%
CMY	0.9999, 0.2196, 0.5255
CMYK	1.00, 0.00, 0.39, 0.22
HSL	156°, 100%, 39%
HSV	156°, 100%, 78%
XYZ	23.8747, 42.2274, 24.9816
YIQ	130.6070, -93.5660, -66.4460

Conversions

Conversions Part 2

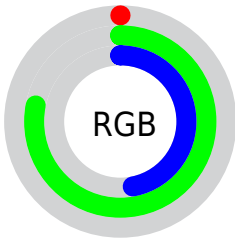
Format	Color
RYB	0, 124, 199
Decimal	51065
CIELab	71.03, -59.64, 27.61
CIELCh	71, 65.721, 155.159
Yxy	42.2291, 0.2621, 0.4636
Android (android.graphics.Color)	4278241145 (0xFF00C779)
YUV	130.6070, -4.7363, -114.5423
Hunter-Lab	64.9826, -48.1385, 22.6947

Details

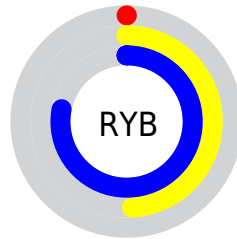
The HunterLab color **64.9826, -48.1385, 22.6947** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **35.6276, 62.5553, 11.0484**, and the grayscale version is **47.5334, -2.5363, 2.5826**.

A 20% lighter version of the original color is **87.9121, -55.0541, 26.2003**, and **45.1680, -35.1358, 19.3921** is the 20% darker color. If you saturate the color by 10%, you get **64.9837, -48.1402, 22.6969**, and if you desaturate by 10%, it is **65.2503, -46.7266, 20.5795**.

Distribution



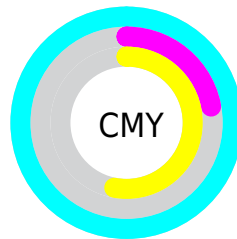
- Red (0%)
- Green (78%)
- Blue (47%)



- Red (0%)
- Yellow (49%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9826, -48.1385, 22.6947 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 64.9826, -48.1385, 22.6947 by changing the saturation by 10% instead.


 64.9826, -48.1385,
22.6947


 64.9826, -48.1385,
22.6947


188.5289,
-79.3597, 40.3928


 54.1116, -44.0080,
20.5167


 88.6263, -55.8353,
26.8545


 43.9241, -39.6245,
18.2455


 101.3330,
-59.4660, 28.8629

 34.4708, -34.9163,
15.8512


 114.5949,
-62.9830, 30.8368

 25.8140, -29.7770,
13.2898

 128.3896,
-66.4034, 32.7833

 18.0351, -24.0713,
10.6373

 142.6972,
-69.7409, 34.7080

 11.2473, -19.6827,
7.8731

157.5002,

 3.3744, -5.9053,

-73.0069, 36.6154

2.3621

172.7823,
-76.2106, 38.5093

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9826, -48.1385,
22.6947

■ 64.9826, -48.1385,
22.6947

■ 64.9837, -48.1402,
22.6969

■ 65.2503, -46.7266,
20.5795

■ 65.6435, -44.7765,
18.4234

■ 66.2015, -42.1469,
16.2788

■ 66.9410, -38.7920,
14.1810

■ 67.8739, -34.6961,

12.1621

■ 69.0072, -29.8681,
10.2509

■ 70.3448, -24.3372,
8.4720

■ 71.8872, -18.1482,
6.8456

■ 73.6323, -11.3571,
5.3865

Harmonies

Analogous

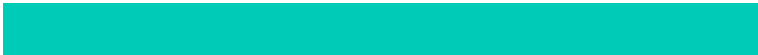
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9839, -33.5862, 34.3925



64.9826, -48.1385, 22.6947



64.9839, -51.6989, -1.6170

Triad

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



64.9839, -48.1391, 22.6952



64.9839, 1.8220, -78.7939



64.9839, 51.0141, 27.9469

Complementary

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



64.9826, -48.1385, 22.6947



35.6276, 62.5553, 11.0484

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.



64.9839, 64.8974, 8.3011



64.9826, -48.1385, 22.6947



64.9839, 33.3773, -59.5935

Square

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



64.9839, -48.1391, 22.6952



64.9839, -26.0670, -69.0030



64.9839, 57.9183, -24.1429



64.9839, 22.7087, 36.3121

Rectangle

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



64.9826, -48.1385, 22.6947



64.9839, -48.0430, -24.5318



64.9839, 57.9183, -24.1429



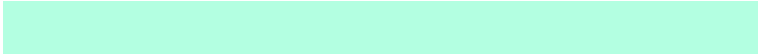
64.9839, 57.7360, 22.8791

Sweetspot

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



64.9839, -48.1391, 22.6952



92.9953, -32.5502, 11.3116



65.2204, -49.2724, 39.3255



42.6606, -16.5509, 5.6901

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9839, -48.1391, 22.6952



85.9581, -63.8744, 30.4464



60.3374, -27.3401, -16.3960



34.6329, -5.1305, 2.4905



52.1255, -38.4980, 17.9538



11.4038, -8.0006, 3.0173

Inverse Universe

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



35.6276, 62.5553, 11.0484



47.0949, 82.6033, 15.3006



35.5527, 57.2902, 22.9096



32.7180, 1.6825, 1.2534



28.5964, 50.2655, 8.4526



6.3355, 11.3499, 0.2165

Previews

White Background



This preview shows how the HunterLab color 64.9826, -48.1385, 22.6947 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 64.9826, -48.1385, 22.6947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

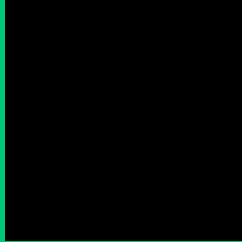
Any Text WCAG AA ✓ Pass

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 64.9826, -48.1385, 22.6947 Background



This preview shows how black text looks on a background with the HunterLab color 64.9826, -48.1385, 22.6947.



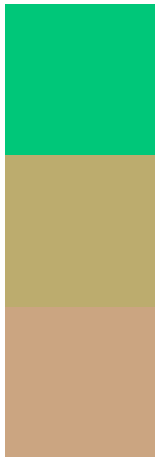
This preview shows how white text looks on a background with the HunterLab color 64.9826, -48.1385, 22.6947.

-48.1385, 22.6947.

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

64.9826, -48.1385, 22.6947

Protanopia

64.2823, -6.1255, 25.8971

Deuteranopia

64.1808, 4.6227, 20.4426



Tritanopia

64.9096, -26.2272, -12.6431

Trichromacy



Original Color

64.9826, -48.1385, 22.6947



Protanomaly

62.1803, -29.8402, 22.6132



Deuteranomaly

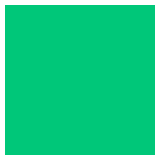
61.3333, -24.2688, 18.2874



Tritanomaly

64.6349, -36.2357, 2.4604

Monochromacy



Original Color

64.9826, -48.1385, 22.6947



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

52.1040, -25.1094, 8.8188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9826, -48.1385, 22.6947 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, 199, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 121)  
}
```

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, 199, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9826, -48.1385, 22.6947 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, 199, 121) }
```


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

```
.border{ border-color:rgb(0, 199, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9826, -48.1385, 22.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 121) }
```

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

```
.background{ background-color: rgb(0, 199,  
121) }
```

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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