

Converting Colors

HunterLab(62.9088, -50.8099,
10.2892)

Have a look what the booklet for
HunterLab(62.9088, -50.8099,
10.2892) contains.

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Color

**HunterLab(64.5865,
-43.0326, 12.1674)**

Conversions

Conversions Part 1

Format	Color
Hex	00C497
RGB	0, 196, 151
RGB Percent	0%, 77%, 59%
CMY	0.9999, 0.2314, 0.4078
CMYK	1.00, 0.00, 0.23, 0.23
HSL	166°, 100%, 38%
HSV	166°, 100%, 77%
XYZ	25.3258, 41.7142, 35.9950
YIQ	132.2660, -102.3710, -55.5470

Conversions

Conversions Part 2

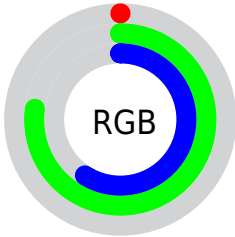
Format	Color
RYB	0, 111, 196
Decimal	50327
CIELab	70.67, -51.85, 11.15
CIELCh	71, 53.032, 167.866
Yxy	41.7158, 0.2458, 0.4049
Android (android.graphics.Color)	4278240407 (0xFF00C497)
YUV	132.2660, 9.2359, -115.9973
Hunter-Lab	64.5865, -43.0326, 12.1674

Details

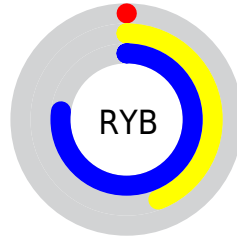
The HunterLab color **64.5865, -43.0326, 12.1674** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.5344, 59.6869, 18.0587**, and the grayscale version is **48.1374, -2.5685, 2.6154**.

A 20% lighter version of the original color is **88.3180, -50.0315, 14.7712**, and **44.6876, -30.9692, 10.9979** is the 20% darker color. If you saturate the color by 10%, you get **64.5875, -43.0342, 12.1697**, and if you desaturate by 10%, it is **64.8147, -41.8763, 10.6356**.

Distribution



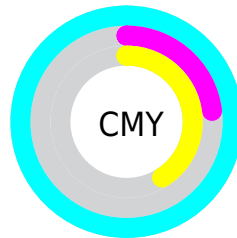
- Red (0%)
- Green (77%)
- Blue (59%)



- Red (0%)
- Yellow (44%)
- Blue (77%)



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





- Cyan (100%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.5865, -43.0326, 12.1674 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 64.5865, -43.0326, 12.1674 by changing the saturation by 10% instead.


 64.5865, -43.0326,
12.1674


 64.5865, -43.0326,
12.1674


187.9637,
-70.8402, 23.0719


 53.7390, -39.4000,
10.9822


 88.1869, -49.8300,
14.5373


 43.5766, -35.5563,
9.7880


 100.8735,
-53.0498, 15.7281


 34.1503, -31.4392,
8.5762


 114.1161,
-56.1769, 16.9263

 25.5231, -26.9551,
7.3320

 127.8923,
-59.2257, 18.1333

 17.7771, -21.9565,
6.0302

 142.1821,
-62.2078, 19.3506

 11.0270, -19.2973,
4.9910

156.9678,

 2.7327, -4.7821,

-65.1326, 20.5790

1.9129

172.2332,
-68.0079, 21.8193

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5865, -43.0326,
12.1674

■ 64.5865, -43.0326,
12.1674

■ 64.5875, -43.0342,
12.1697

■ 64.8147, -41.8763,
10.6356

■ 65.1576, -40.2474,
9.1812

■ 65.6538, -38.0058,
7.8568

■ 66.3201, -35.1027,
6.6926

■ 67.1684, -31.5163,

5.7126

■ 68.2063, -27.2479,
4.9355

■ 69.4384, -22.3174,
4.3743

■ 70.8659, -16.7599,
4.0366

■ 72.4878, -10.6218,
3.9249

Harmonies

Analogous

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



64.5878, -34.5398, 26.7687



64.5865, -43.0326, 12.1674



64.5878, -42.1335, -11.6392

Triad

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



64.5878, -43.0330, 12.1680



64.5878, 11.4988, -54.6115



64.5878, 30.9320, 28.5313

Complementary

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



64.5865, -43.0326, 12.1674



34.5344, 59.6869, 18.0587

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.



64.5878, 47.2353, 15.7052



64.5865, -43.0326, 12.1674



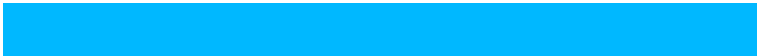
64.5878, 34.9260, -33.9173

Square

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



64.5878, -43.0330, 12.1680



64.5878, -12.9690, -56.6815



64.5878, 48.7963, -6.5288



64.5878, 6.6550, 33.5987

Rectangle

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



64.5865, -43.0326, 12.1674



64.5878, -36.3149, -30.0979



64.5878, 48.7963, -6.5288



64.5878, 37.6721, 25.2588

Sweetspot

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



64.5878, -43.0330, 12.1680



93.3724, -30.3768, 5.9170



63.2901, -51.9358, 38.0892



42.8574, -15.4095, 2.8732

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.5878, -43.0330, 12.1680



86.9056, -58.0657, 16.7228



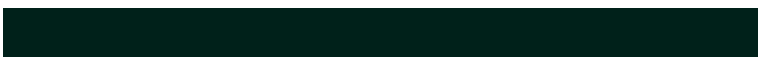
48.8406, -12.7469, -33.5280



33.7455, -4.7497, 1.8247



51.7849, -34.4149, 9.5652



10.8101, -6.8743, 1.3280

Inverse Universe

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



34.5344, 59.6869, 18.0587



46.4448, 80.2080, 24.8184



37.7062, 47.6604, 24.0678



31.8040, 1.3988, 1.8237



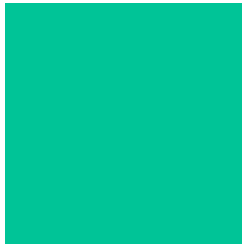
27.7013, 47.9190, 14.1818



5.8523, 10.3073, 1.5721

Previews

White Background



This preview shows how the HunterLab color 64.5865, -43.0326, 12.1674 looks on a white background.

Color Contrast Check

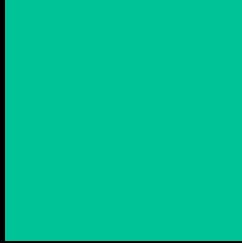
Large Text (above 18pt) WCAG AA × Fail

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 64.5865, -43.0326, 12.1674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

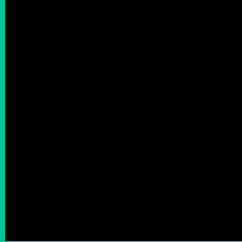
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

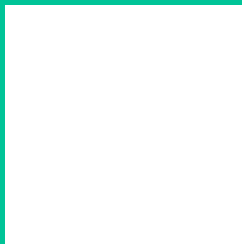
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.5865, -43.0326, 12.1674 Background



This preview shows how black text looks on a background with the HunterLab color 64.5865, -43.0326, 12.1674.



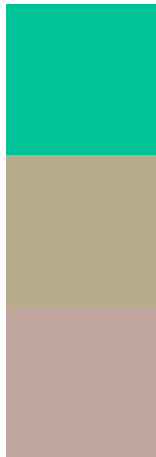
This preview shows how white text looks on a background with the HunterLab color 64.5865, -43.0326, 12.1674.

-43.0326, 12.1674.

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

64.5865, -43.0326, 12.1674

Protanopia

63.9805, -4.5136, 16.7100

Deuteranopia

64.0925, 4.2529, 9.6441



Tritanopia

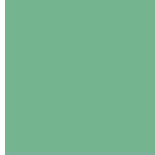
64.6119, -27.3702, -13.0870

Trichromacy



Original Color

64.5865, -43.0326, 12.1674



Protanomaly

61.9182, -26.2491, 12.8107



Deuteranomaly

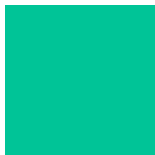
61.6618, -21.6225, 7.7996



Tritanomaly

64.5239, -34.2309, -3.0157

Monochromacy



Original Color

64.5865, -43.0326, 12.1674



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

52.1456, -22.6634, 3.9624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5865, -43.0326, 12.1674 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5865, -43.0326, 12.1674 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, 151) }
```


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

```
.border{ border-color:rgb(0, 196, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5865, -43.0326, 12.1674 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, 151) }
```

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

```
.background{ background-color: rgb(0, 196,  
151) }
```

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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