

Converting Colors

HunterLab(65.0300, -43.4951,
12.6116)

Have a look what the booklet for
HunterLab(65.0300, -43.4951,
12.6116) contains.

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Color

**HunterLab(64.9360,
-43.3987, 12.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	00C597
RGB	0, 197, 151
RGB Percent	0%, 77%, 59%
CMY	0.9999, 0.2274, 0.4078
CMYK	1.00, 0.00, 0.23, 0.23
HSL	166°, 100%, 39%
HSV	166°, 100%, 77%
XYZ	25.5522, 42.1668, 36.0704
YIQ	132.8530, -102.6460, -56.0700

Conversions

Conversions Part 2

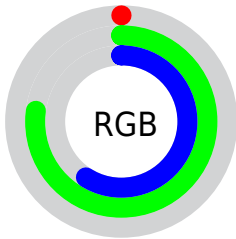
Format	Color
RYB	0, 112, 197
Decimal	50583
CIELab	70.99, -52.24, 11.59
CIELCh	71, 53.508, 167.491
Yxy	42.1685, 0.2462, 0.4063
Android (android.graphics.Color)	4278240663 (0xFF00C597)
YUV	132.8530, 8.9465, -116.5121
Hunter-Lab	64.9360, -43.3987, 12.5210

Details

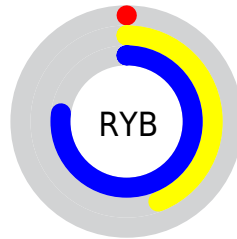
The HunterLab color **64.9360, -43.3987, 12.5210** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.7400, 60.0579, 18.0422**, and the grayscale version is **48.3708, -2.5809, 2.6281**.

A 20% lighter version of the original color is **88.6776, -50.4440, 15.1427**, and **45.0179, -31.3063, 11.3128** is the 20% darker color. If you saturate the color by 10%, you get **64.9370, -43.4004, 12.5235**, and if you desaturate by 10%, it is **65.1664, -42.2292, 10.9600**.

Distribution



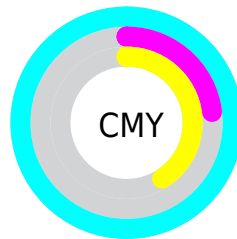
- Red (0%)
- Green (77%)
- Blue (59%)



- 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 64.9360, -43.3987, 12.5210 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 64.9360, -43.3987, 12.5210 by changing the saturation by 10% instead.

■ 64.9360, -43.3987,
12.5210

■ 64.9360, -43.3987,
12.5210

188.4624,
-71.3547, 23.6013

■ 54.0678, -39.7469,
11.3109

■ 88.5746, -50.2328,
14.9364

■ 43.8832, -35.8833,
10.0900

■ 101.2789,
-53.4701, 16.1482

■ 34.4331, -31.7459,
8.8491

■ 114.5385,
-56.6141, 17.3664

■ 25.7797, -27.2418,
7.5729

■ 128.3310,
-59.6793, 18.5927

■ 18.0047, -22.2245,
6.2353

■ 142.6366,
-62.6772, 19.8284

■ 11.2213, -19.6373,
5.1386

157.4375,

■ 3.3054, -5.7845,

-65.6175, 21.0746

2.3138

172.7177,
-68.5078, 22.3321

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9360, -43.3987,
12.5210

■ 64.9360, -43.3987,
12.5210

■ 64.9370, -43.4004,
12.5235

■ 65.1664, -42.2292,
10.9600

■ 65.5124, -40.5825,
9.4747

■ 66.0129, -38.3183,
8.1180

■ 66.6847, -35.3875,
6.9203

■ 67.5397, -31.7684,

5.9060

■ 68.5857, -27.4623,
5.0943

■ 69.8272, -22.4894,
4.4984

■ 71.2655, -16.8854,
4.1263

■ 72.8995, -10.6970,
3.9808

Harmonies

Analogous

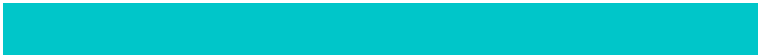
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9373, -34.7096, 27.1317



64.9360, -43.3987, 12.5210



64.9373, -42.6101, -11.4488

Triad

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



64.9373, -43.3991, 12.5216



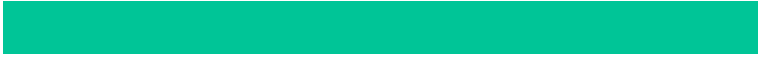
64.9373, 11.3249, -55.4746



64.9373, 31.5757, 28.6746

Complementary

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



64.9360, -43.3987, 12.5210



34.7400, 60.0579, 18.0422

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.



64.9373, 47.9201, 15.6261



64.9360, -43.3987, 12.5210



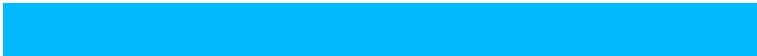
64.9373, 35.0888, -34.6806

Square

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



64.9373, -43.3991, 12.5216



64.9373, -13.3722, -57.2987



64.9373, 49.2936, -6.9542



64.9373, 7.0671, 33.8533

Rectangle

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



64.9360, -43.3987, 12.5210



64.9373, -36.8160, -30.1339



64.9373, 49.2936, -6.9542



64.9373, 38.3550, 25.3431

Sweetspot

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



64.9373, -43.3991, 12.5216



93.3630, -30.4308, 6.0511



63.7131, -51.9728, 38.3492



42.8525, -15.4380, 2.9435

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9373, -43.3991, 12.5216



86.8795, -58.2251, 17.0994



50.1354, -14.2841, -31.8278



34.6750, -4.8962, 1.8901



52.6767, -35.1204, 9.9736



11.5087, -7.3616, 1.5067

Inverse Universe

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



34.7400, 60.0579, 18.0422



46.4559, 80.2492, 24.6539



37.5366, 49.0886, 23.9882



32.6755, 1.4540, 1.8593



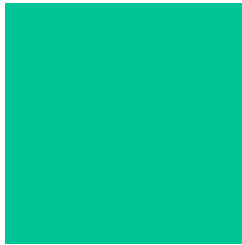
28.1928, 48.7799, 14.3498



6.2287, 10.9601, 1.7510

Previews

White Background



This preview shows how the HunterLab color 64.9360, -43.3987, 12.5210 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 64.9360, -43.3987, 12.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

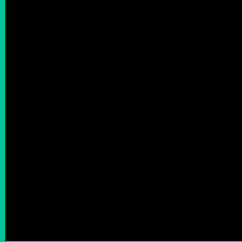
Any Text WCAG AA ✓ Pass

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 64.9360, -43.3987, 12.5210 Background



This preview shows how black text looks on a background with the HunterLab color 64.9360, -43.3987, 12.5210.



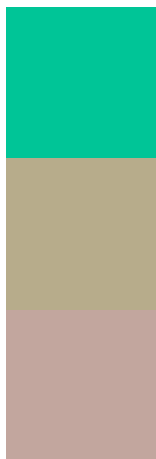
This preview shows how white text looks on a background with the HunterLab color 64.9360, -43.3987, 12.5210.

-43.3987, 12.5210.

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

64.9360, -43.3987, 12.5210

Protanopia

64.3711, -4.6663, 17.0855

Deuteranopia

64.1953, 4.5979, 9.7614



Tritanopia

65.0068, -27.4881, -13.1027

Trichromacy



Original Color

64.9360, -43.3987, 12.5210



Protanomaly

62.2446, -26.6697, 13.1349



Deuteranomaly

61.6618, -21.6225, 7.7996



Tritanomaly

64.8645, -34.6338, -2.5915

Monochromacy



Original Color

64.9360, -43.3987, 12.5210



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.5373, -22.7369, 3.9753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9360, -43.3987, 12.5210 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, 197, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 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, 197, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9360, -43.3987, 12.5210 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, 197, 151) }
```


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

```
.border{ border-color:rgb(0, 197, 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, 197, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9360, -43.3987, 12.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 151) }
```

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

```
.background{ background-color: rgb(0, 197,  
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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