

Converting Colors

HunterLab(67.4864, -45.3935,
13.6394)

Have a look what the booklet for
HunterLab(67.4864, -45.3935,
13.6394) contains.

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Color

**HunterLab(67.4924,
-45.3569, 13.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC9B
RGB	0, 204, 155
RGB Percent	0%, 80%, 61%
CMY	0.9999, 0.2000, 0.3922
CMYK	1.00, 0.00, 0.24, 0.20
HSL	166°, 100%, 40%
HSV	166°, 100%, 80%
XYZ	27.5092, 45.5522, 38.3528
YIQ	137.4180, -105.8550, -58.4870

Conversions

Conversions Part 2

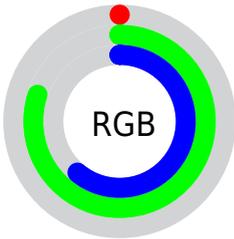
Format	Color
RYB	0, 116, 204
Decimal	52379
CIELab	73.26, -53.98, 12.64
CIELCh	73, 55.439, 166.820
Yxy	45.5540, 0.2469, 0.4089
Android (android.graphics.Color)	4278242459 (0xFF00CC9B)
YUV	137.4180, 8.6679, -120.5156
Hunter-Lab	67.4924, -45.3569, 13.5529

Details

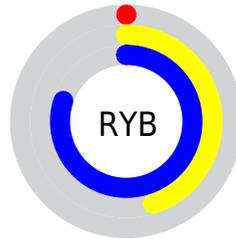
The HunterLab color **67.4924, -45.3569, 13.5529** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.1391, 62.4996, 18.5909**, and the grayscale version is **50.1826, -2.6776, 2.7265**.

A 20% lighter version of the original color is **88.8528, -49.5246, 13.6321**, and **47.0949, -32.8074, 11.9572** is the 20% darker color. If you saturate the color by 10%, you get **67.4934, -45.3587, 13.5556**, and if you desaturate by 10%, it is **67.7312, -44.1384, 11.8892**.

Distribution



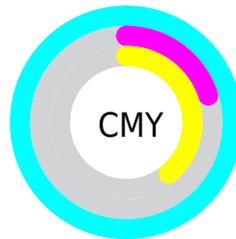
- Red (0%)
- Green (80%)
- Blue (61%)



- Red (0%)
- Yellow (45%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.4924, -45.3569, 13.5529 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 67.4924, -45.3569, 13.5529 by changing the saturation by 10% instead.

67.4924, -45.3569,
13.5529

67.4924, -45.3569,
13.5529

192.0970,
-73.9046, 25.0593

56.4748, -41.6363,
12.2851

91.4063, -52.3294,
16.0759

46.1309, -37.7060,
11.0034

104.2387,
-55.6349, 17.3382

36.5092, -33.5069,
9.6983

117.6211,
-58.8461, 18.6048

27.6689, -28.9511,
8.3542

131.5316,
-61.9773, 19.8779

19.6861, -23.9031,
6.9453

145.9511,
-65.0401, 21.1588

12.6654, -21.0785,
5.5233

160.8620,

6.0031, -10.5054,

-68.0440, 22.4488

4.2022

176.2488,
-70.9966, 23.7487

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4924, -45.3569,
13.5529

■ 67.4924, -45.3569,
13.5529

■ 67.4934, -45.3587,
13.5556

■ 67.7312, -44.1384,
11.8892

■ 68.0915, -42.4172,
10.3008

■ 68.6131, -40.0502,
8.8420

■ 69.3138, -36.9857,
7.5450

■ 70.2059, -33.2009,

6.4359

■ 71.2978, -28.6971,
5.5350

■ 72.5940, -23.4959,
4.8570

■ 74.0960, -17.6347,
4.4107

■ 75.8025, -11.1628,
4.1996

Harmonies

Analogous

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



67.4937, -36.0422, 28.6068



67.4924, -45.3569, 13.5529



67.4937, -44.7544, -11.4219

Triad

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



67.4937, -45.3573, 13.5535



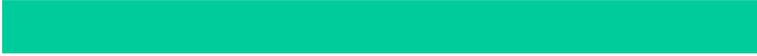
67.4937, 11.3247, -58.7331



67.4937, 33.7199, 29.7817

Complementary

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



67.4924, -45.3569, 13.5529



36.1391, 62.4996, 18.5909

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.



67.4937, 50.6168, 15.9289



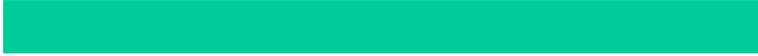
67.4924, -45.3569, 13.5529



67.4937, 36.4185, -37.1469

Square

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



67.4937, -45.3573, 13.5535



67.4937, -14.5257, -60.1391



67.4937, 51.6726, -7.9699



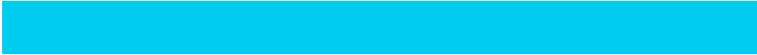
67.4937, 8.0576, 35.3218

Rectangle

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



67.4924, -45.3569, 13.5529



67.4937, -38.8376, -31.0788



67.4937, 51.6726, -7.9699



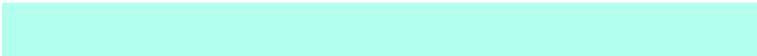
67.4937, 40.7706, 26.2407

Sweetspot

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



67.4937, -45.3573, 13.5535



93.3470, -30.5230, 6.2799



66.2507, -54.0775, 39.8760



42.8441, -15.4866, 3.0635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4937, -45.3573, 13.5535



86.8351, -58.4954, 17.7384



52.1011, -14.8024, -33.1660



35.6078, -5.0480, 1.9675



53.5595, -35.8984, 10.5496



12.2118, -7.8694, 1.7242

Inverse Universe

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



36.1391, 62.4996, 18.5909



46.4755, 80.3216, 24.3653



38.9965, 51.1677, 24.9241



33.5516, 1.5140, 1.8833



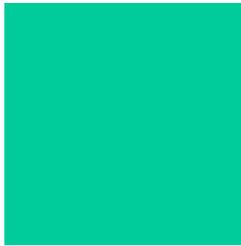
28.6914, 49.6645, 14.4340



6.6104, 11.6251, 1.9102

Previews

White Background



This preview shows how the HunterLab color 67.4924, -45.3569, 13.5529 looks on a white background.

Color Contrast Check

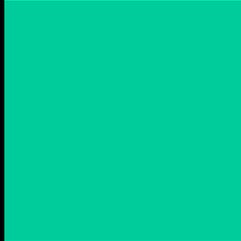
Large Text (above 18pt) WCAG AA × Fail

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 67.4924, -45.3569, 13.5529 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

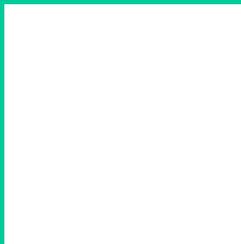
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.4924, -45.3569, 13.5529 Background



This preview shows how black text looks on a background with the HunterLab color 67.4924, -45.3569, 13.5529.



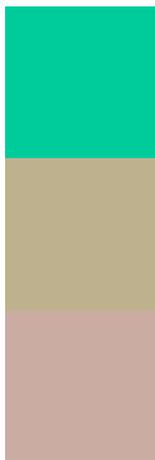
This preview shows how white text looks on a background with the HunterLab color 67.4924, -45.3569, 13.5529.

-45.3569, 13.5529.

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

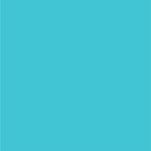
67.4924, -45.3569, 13.5529

Protanopia

66.8887, -4.8718, 18.4472

Deuteranopia

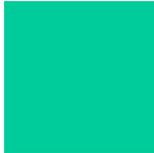
66.8358, 4.9058, 10.9466



Tritanopia

67.3477, -28.2647, -13.8306

Trichromacy



Original Color

67.4924, -45.3569, 13.5529



Protanomaly

64.5850, -27.5616, 13.9738



Deuteranomaly

64.3827, -22.6977, 9.0686



Tritanomaly

67.1415, -35.7685, -2.7801

Monochromacy



Original Color

67.4924, -45.3569, 13.5529



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

54.3411, -23.7859, 4.2798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4924, -45.3569, 13.5529 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4924, -45.3569, 13.5529 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, 155) }
```

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

```
.border{ border-color:rgb(0, 204, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4924, -45.3569, 13.5529 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, 155) }
```

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

```
.background{ background-color: rgb(0, 204,  
155) }
```

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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