

Converting Colors

HunterLab(65.5575, -61.3367,
10.7718)

Have a look what the booklet for
HunterLab(65.5575, -61.3367,
10.7718) contains.

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Color

**HunterLab(68.9290,
-46.6749, 14.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	00D09C
RGB	0, 208, 156
RGB Percent	0%, 82%, 61%
CMY	0.9999, 0.1843, 0.3882
CMYK	1.00, 0.00, 0.25, 0.18
HSL	165°, 100%, 41%
HSV	165°, 100%, 82%
XYZ	28.5566, 47.5121, 39.1182
YIQ	139.8800, -107.2760, -60.2680

Conversions

Conversions Part 2

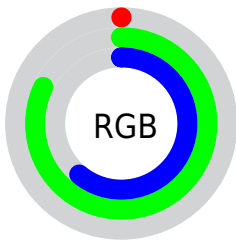
Format	Color
RYB	0, 119, 208
Decimal	53404
CIELab	74.52, -55.27, 13.88
CIELCh	75, 56.990, 165.900
Yxy	47.5139, 0.2479, 0.4125
Android (android.graphics.Color)	4278243484 (0xFF00D09C)
YUV	139.8800, 7.9472, -122.6748
Hunter-Lab	68.9290, -46.6749, 14.6024

Details

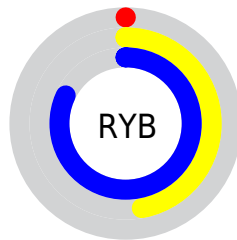
The HunterLab color **68.9290, -46.6749, 14.6024** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.9582, 63.9598, 18.6764**, and the grayscale version is **51.1663, -2.7301, 2.7800**.

A 20% lighter version of the original color is **88.9420, -49.0577, 12.8646**, and **48.4524, -34.0331, 12.9064** is the 20% darker color. If you saturate the color by 10%, you get **68.9301, -46.6767, 14.6051**, and if you desaturate by 10%, it is **69.1746, -45.4151, 12.8496**.

Distribution



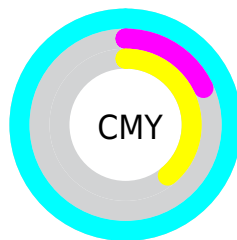
- Red (0%)
- Green (82%)
- Blue (61%)



- Red (0%)
- Yellow (47%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.9290, -46.6749, 14.6024 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 68.9290, -46.6749, 14.6024 by changing the saturation by 10% instead.


 68.9290, -46.6749,
14.6024

 68.9290, -46.6749,
14.6024


194.1294,
-75.6900, 26.6014


 57.8292, -42.8960,
13.2659


 92.9948, -53.7606,
17.2518


 47.3976, -38.9068,
11.9109


 105.8979,
-57.1207, 18.5727

 37.6819, -34.6493,
10.5270


 119.3480,
-60.3851, 19.8955

 28.7391, -30.0378,
9.0974

 133.3238,
-63.5681, 21.2225

 20.6431, -24.9417,
7.5948

 147.8062,
-66.6814, 22.5553

 13.4937, -21.2562,
6.0216

162.7780,

 7.0717, -12.3755,

-69.7344, 23.8954

4.9502

178.2238,
-72.7351, 25.2438

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9290, -46.6749,
14.6024

■ 68.9290, -46.6749,
14.6024

■ 68.9301, -46.6767,
14.6051

■ 69.1746, -45.4151,
12.8496

■ 69.5455, -43.6362,
11.1676

■ 70.0819, -41.1934,
9.6118

■ 70.8020, -38.0336,
8.2155

■ 71.7187, -34.1336,

7.0061

■ 72.8403, -29.4953,
6.0052

■ 74.1715, -24.1411,
5.2285

■ 75.7138, -18.1099,
4.6859

■ 77.4659, -11.4528,
4.3817

Harmonies

Analogous

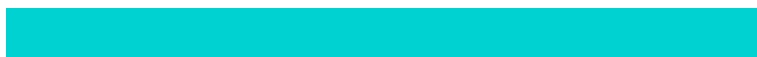
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9303, -36.7576, 29.7864



68.9290, -46.6749, 14.6024



68.9303, -46.3680, -10.9838

Triad

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



68.9303, -46.6754, 14.6030



68.9303, 10.9270, -61.5255



68.9303, 35.7295, 30.3822

Complementary

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



68.9290, -46.6749, 14.6024



36.9582, 63.9598, 18.6764

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.



68.9303, 52.8520, 15.8158



68.9290, -46.6749, 14.6024



68.9303, 37.1149, -39.5249

Square

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



68.9303, -46.6754, 14.6030



68.9303, -15.7272, -62.2506



68.9303, 53.3945, -9.2120



68.9303, 9.2524, 36.2642

Rectangle

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



68.9290, -46.6749, 14.6024



68.9303, -40.4754, -31.3907



68.9303, 53.3945, -9.2120



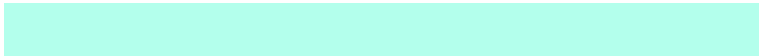
68.9303, 42.9356, 26.6533

Sweetspot

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



68.9303, -46.6754, 14.6030



93.3236, -30.6575, 6.6138



67.7787, -54.9879, 40.8016



42.8319, -15.5576, 3.2385

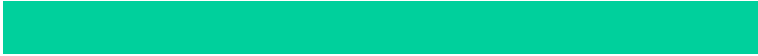
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9303, -46.6754, 14.6030



86.7711, -58.8862, 18.6620



54.3271, -16.6575, -31.9438



36.5438, -5.2060, 2.0593



54.4318, -36.7583, 11.3157



12.9186, -8.4020, 1.9903

Inverse Universe

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



36.9582, 63.9598, 18.6764



46.5053, 80.4318, 23.9264



39.4586, 53.5096, 25.2500



34.4326, 1.5795, 1.8935



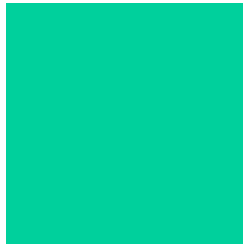
29.1985, 50.5779, 14.4141



6.9976, 12.3032, 2.0453

Previews

White Background



This preview shows how the HunterLab color 68.9290, -46.6749, 14.6024 looks on a white background.

Color Contrast Check

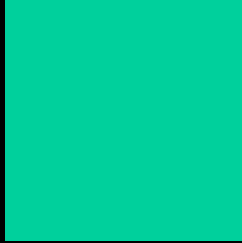
Large Text (above 18pt) WCAG AA × Fail

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 68.9290, -46.6749, 14.6024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

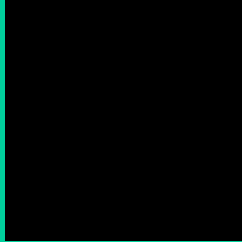
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

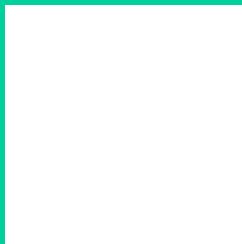
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.9290, -46.6749, 14.6024 Background



This preview shows how black text looks on a background with the HunterLab color 68.9290, -46.6749, 14.6024.



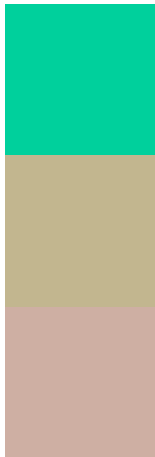
This preview shows how white text looks on a background with the HunterLab color 68.9290, -46.6749, 14.6024.

-46.6749, 14.6024.

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

68.9290, -46.6749, 14.6024

Protanopia

68.4897, -5.3548, 19.6133

Deuteranopia

68.1367, 4.9216, 11.9203



Tritanopia

68.8910, -28.9302, -13.9679

Trichromacy



Original Color

68.9290, -46.6749, 14.6024



Protanomaly

66.0384, -28.6815, 15.0365



Deuteranomaly

65.5012, -23.4013, 9.8478



Tritanomaly

68.6444, -36.6827, -2.4276

Monochromacy



Original Color

68.9290, -46.6749, 14.6024



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.7758, -24.7582, 5.0279

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9290, -46.6749, 14.6024 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, 208, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 156)  
}
```

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, 208, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9290, -46.6749, 14.6024 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, 208, 156) }
```


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

```
.border{ border-color:rgb(0, 208, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 208, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9290, -46.6749, 14.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 156) }
```

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

```
.background{ background-color: rgb(0, 208,  
156) }
```

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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