

Converting Colors

HunterLab(75.7058, -49.3037,
4.7012)

Have a look what the booklet for
HunterLab(75.7058, -49.3037,
4.7012) contains.

HunterLab(76.4057, -46.8958, 5.7341)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.4057,
-46.8958, 5.7341)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2C4
RGB	0, 226, 196
RGB Percent	0%, 89%, 77%
CMY	0.9998, 0.1137, 0.2314
CMYK	1.00, 0.00, 0.13, 0.11
HSL	172°, 100%, 44%
HSV	172°, 100%, 89%
XYZ	37.1602, 58.3783, 61.5342
YIQ	155.0060, -125.0660, -57.2420

Conversions

Conversions Part 2

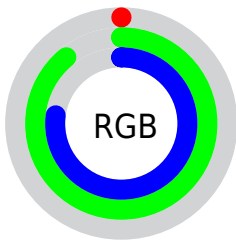
Format	Color
RYB	0, 121, 226
Decimal	58052
CIELab	80.95, -52.27, 1.80
CIELCh	81, 52.304, 178.028
Yxy	58.3805, 0.2366, 0.3717
Android (android.graphics.Color)	4278248132 (0xFF00E2C4)
YUV	155.0060, 20.2100, -135.9403
Hunter-Lab	76.4057, -46.8958, 5.7341

Details

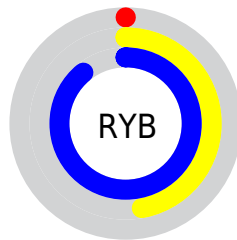
The HunterLab color **76.4057, -46.8958, 5.7341** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **40.3289, 69.2916, 24.2534**, and the grayscale version is **57.2174, -3.0530, 3.1087**.

A 20% lighter version of the original color is **90.5134, -40.2313, -5.8023**, and **55.4098, -34.9309, 6.1485** is the 20% darker color. If you saturate the color by 10%, you get **76.4068, -46.8979, 5.7371**, and if you desaturate by 10%, it is **76.6135, -45.8839, 4.5892**.

Distribution



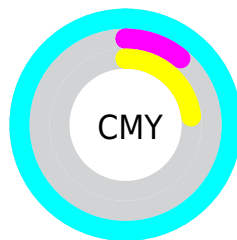
- Red (0%)
- Green (89%)
- Blue (77%)



- Red (0%)
- Yellow (47%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4057, -46.8958, 5.7341 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 76.4057, -46.8958, 5.7341 by changing the saturation by 10% instead.


 76.4057, -46.8958,
5.7341


 76.4057, -46.8958,
5.7341


204.5978,
-74.1929, 13.3366

 64.8958, -43.4088,
5.0230


 101.2308,
-53.4871, 7.2443

 54.0288, -39.7536,
4.3410


 114.4884,
-56.6331, 8.0398


 43.8468, -35.8867,
3.6900


 128.2790,
-59.7002, 8.8615

 34.3995, -31.7455,
3.0711

 142.5827,
-62.7000, 9.7085

 25.7493, -27.2367,
2.4857

 157.3818,
-65.6420, 10.5801

 17.9776, -22.2138,
1.9345

172.6602,

 11.1982, -19.5969,

-68.5340, 11.4757

1.4173

188.4033,
-71.3824, 12.3948

■ 3.2428, -5.6750,
2.2700

0.0000, NaN, NaN

■ 76.4057, -46.8958,
5.7341

■ 76.4057, -46.8958,
5.7341

■ 76.4068, -46.8979,
5.7371

■ 76.6135, -45.8839,
4.5892

■ 76.9562, -44.3256,
3.5925

■ 77.4764, -42.0668,
2.8023

■ 78.1952, -39.0423,
2.2507

■ 79.1276, -35.2193,
1.9611

■ 80.2836, -30.5920,
1.9491

■ 81.6693, -25.1776,
2.2228

■ 83.2871, -19.0120,
2.7833

■ 85.1364, -12.1456,
3.6259

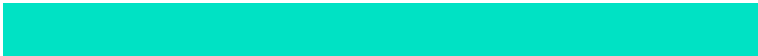
Harmonies

Analogous

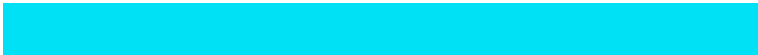
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4072, -41.1438, 24.8388



76.4057, -46.8958, 5.7341



76.4072, -42.4752, -20.9556

Triad

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



76.4072, -46.8961, 5.7350



76.4072, 20.1637, -49.0426



76.4072, 23.4384, 33.9348

Complementary

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



76.4057, -46.8958, 5.7341



40.3289, 69.2916, 24.2534

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.



76.4072, 43.8074, 22.8750



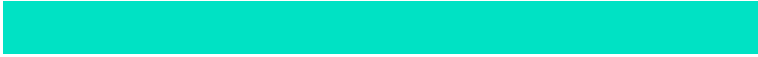
76.4057, -46.8958, 5.7341



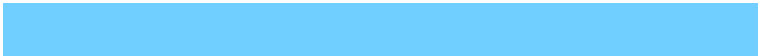
76.4072, 41.7503, -24.6451

Square

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



76.4072, -46.8961, 5.7350



76.4072, -5.7484, -58.0973



76.4072, 50.9045, 2.5488



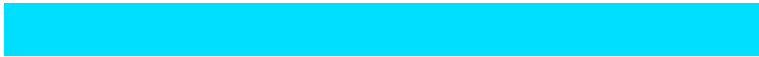
76.4072, -2.3992, 37.4721

Rectangle

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



76.4057, -46.8958, 5.7341



76.4072, -33.9845, -38.8964



76.4072, 50.9045, 2.5488



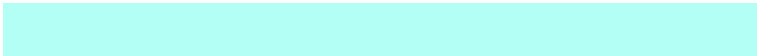
76.4072, 31.2720, 31.1969

Sweetspot

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



76.4072, -46.8961, 5.7350



93.6094, -29.0158, 2.5384



73.9414, -62.4360, 44.4683



42.9821, -14.6894, 1.0955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4072, -46.8961, 5.7350



87.6060, -53.8174, 6.6765



50.1814, -3.9639, -54.1625



39.4200, -5.4362, 1.7015



57.7212, -35.3552, 4.1753



15.2256, -9.1335, 0.6858

Inverse Universe

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



40.3289, 69.2916, 24.2534



46.2327, 79.4230, 27.9519



47.2650, 47.3914, 29.9526



37.0540, 1.5423, 2.5497



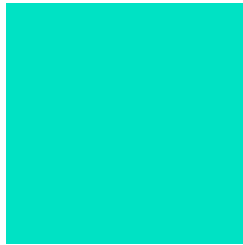
30.4756, 52.3981, 18.0820



8.0838, 14.0181, 3.8717

Previews

White Background



This preview shows how the HunterLab color 76.4057, -46.8958, 5.7341 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 76.4057, -46.8958, 5.7341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

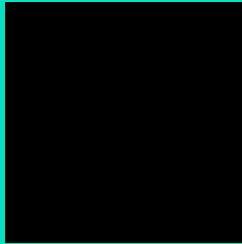
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

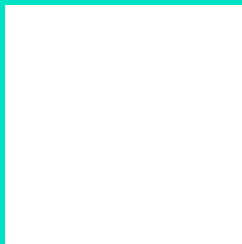
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.4057, -46.8958, 5.7341 Background



This preview shows how black text looks on a background with the HunterLab color 76.4057, -46.8958, 5.7341.



This preview shows how white text looks on a background with the HunterLab color 76.4057,

-46.8958, 5.7341.

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

76.4057, -46.8958, 5.7341

Protanopia

75.7948, -4.3002, 12.4325

Deuteranopia

75.6330, 5.6239, 2.4119



Tritanopia

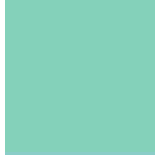
76.3882, -33.3153, -16.2965

Trichromacy



Original Color

76.4057, -46.8958, 5.7341



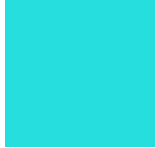
Protanomaly

73.5198, -28.6802, 7.3374



Deuteranomaly

72.9630, -23.1295, 0.1510



Tritanomaly

76.1588, -38.8765, -8.1009

Monochromacy



Original Color

76.4057, -46.8958, 5.7341



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

62.1311, -25.6285, 1.5450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4057, -46.8958, 5.7341 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, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 196)  
}
```

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, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4057, -46.8958, 5.7341 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, 226, 196) }
```


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

```
.border{ border-color:rgb(0, 226, 196) }
```

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

Here you see how a box with a 4 pixel rgb(0, 226, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4057, -46.8958, 5.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 196) }
```

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

```
.background{ background-color: rgb(0, 226,  
196) }
```

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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