

Converting Colors

HunterLab(71.8620, -57.7618,
-17.4067)

Have a look what the booklet for
HunterLab(71.8620, -57.7618,
-17.4067) contains.

HunterLab(76.4047, -39.3444, -10.5660)	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(76.4047,
-39.3444, -10.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFE4
RGB	0, 223, 228
RGB Percent	0%, 87%, 89%
CMY	0.9998, 0.1255, 0.1059
CMYK	1.00, 0.02, 0.00, 0.11
HSL	181°, 100%, 45%
HSV	181°, 100%, 89%
XYZ	40.3913, 58.3768, 82.5378
YIQ	156.8930, -134.5130, -45.7210

Conversions

Conversions Part 2

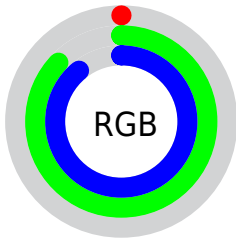
Format	Color
RYB	0, 113, 228
Decimal	57316
CIELab	80.95, -41.97, -15.21
CIELCh	81, 44.636, 199.918
Yxy	58.3789, 0.2228, 0.3220
Android (android.graphics.Color)	4278247396 (0xFF00DFE4)
YUV	156.8930, 35.0558, -137.5952
Hunter-Lab	76.4047, -39.3444, -10.5660

Details

The HunterLab color **76.4047, -39.3444, -10.5660** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.7482, 69.0904, 26.3159**, and the grayscale version is **57.9312, -3.0911, 3.1475**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **55.3666, -28.0226, -8.7107** is the 20% darker color. If you saturate the color by 10%, you get **76.4054, -39.3449, -10.5659**, and if you desaturate by 10%, it is **76.6985, -39.0914, -10.1632**.

Distribution



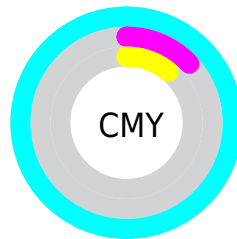
- Red (0%)
- Green (87%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)




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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4047, -39.3444, -10.5660 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 76.4047, -39.3444, -10.5660 by changing the saturation by 10% instead.


 76.4047, -39.3444,
-10.5660


 76.4047, -39.3444,
-10.5660


204.5963,
-62.3846, -8.4531


 64.8948, -36.4645,
-10.5534


 101.2297,
-44.8287, -10.4185


 54.0278, -33.4625,
-10.4797


 114.4872,
-47.4651, -10.2680

 43.8459, -30.3050,
-10.3388


 128.2778,
-50.0466, -10.0701

 34.3987, -26.9439,
-10.1257

 142.5814,
-52.5818, -9.8274

 25.7485, -23.3064,
-9.8367

 157.3805,
-55.0778, -9.5424

 17.9770, -19.2752,
-9.4739

172.6588,

 11.1977, -17.5615,

-57.5406, -9.2172

-9.0644

188.4019,
-59.9748, -8.8535

■ 3.2413, -5.6723,
-19.5652

0.0000, NaN, NaN

■ 76.4047, -39.3444,
-10.5660

■ 76.4047, -39.3444,
-10.5660

■ 76.4054, -39.3449,
-10.5659

■ 76.6985, -39.0914,
-10.1632

■ 77.1281, -38.3006,
-9.5686

■ 77.7362, -36.8163,
-8.7265

■ 78.5436, -34.5700,
-7.6142

■ 79.5649, -31.5252,
-6.2204

■ 80.8098, -27.6717,
-4.5431

■ 82.2841, -23.0224,
-2.5885

■ 83.9895, -17.6087,
-0.3689

■ 85.9251, -11.4764,
2.0984

Harmonies

Analogous

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



76.4061, -40.8284, 10.7578



76.4047, -39.3444, -10.5660



76.4061, -29.0297, -32.6732

Triad

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



76.4061, -39.3444, -10.5649



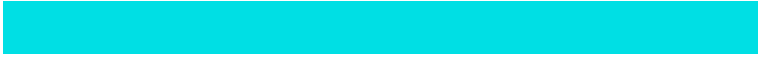
76.4061, 30.3701, -25.9092



76.4061, 3.3273, 33.7317

Complementary

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



76.4047, -39.3444, -10.5660



40.7482, 69.0904, 26.3159

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.



76.4061, 24.5468, 28.6364



76.4047, -39.3444, -10.5660



76.4061, 41.2686, -3.0865

Square

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



76.4061, -39.3444, -10.5649



76.4061, 10.5919, -43.1001



76.4061, 39.0266, 16.4335



76.4061, -17.7238, 32.7635

Rectangle

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



76.4047, -39.3444, -10.5660



76.4061, -17.8270, -43.0399



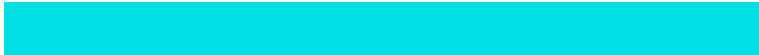
76.4061, 39.0266, 16.4335



76.4061, 10.7113, 32.7419

Sweetspot

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



76.4061, -39.3444, -10.5649



93.3802, -26.2581, -2.9887



74.4960, -63.8385, 44.6983



42.8597, -13.2307, -1.8344

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4061, -39.3444, -10.5649



86.7318, -44.6540, -12.0120



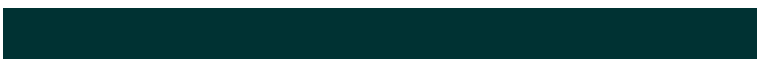
40.9923, 13.6349, -80.6655



40.3476, -5.2254, 1.0467



58.0805, -29.9229, -8.0007



15.8433, -8.1999, -2.1016

Inverse Universe

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



46.7155, 91.3994, -58.2203



53.0331, 103.7652, -66.0747



54.2319, 31.6626, 33.9699



38.2224, 3.0716, -1.3194



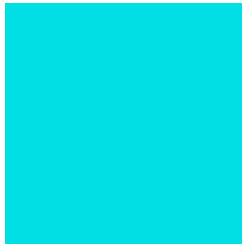
35.5009, 69.4688, -44.2877



9.6596, 18.9158, -12.1565

Previews

White Background



This preview shows how the HunterLab color 76.4047, -39.3444, -10.5660 looks on a white background.

Color Contrast Check

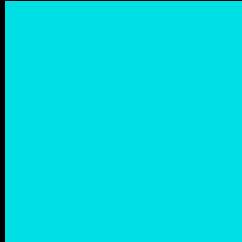
Large Text (above 18pt) WCAG AA × Fail

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 76.4047, -39.3444, -10.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

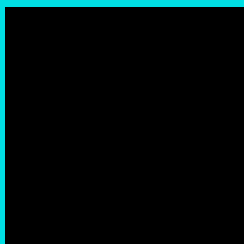
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

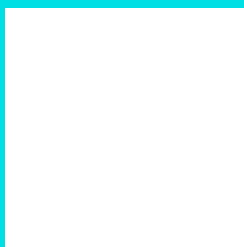
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.4047, -39.3444, -10.5660 Background



This preview shows how black text looks on a background with the HunterLab color 76.4047, -39.3444, -10.5660.



This preview shows how white text looks on a background with the HunterLab color 76.4047, -39.3444, -10.5660.

-39.3444, -10.5660.

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

76.4047, -39.3444, -10.5660

Protanopia

75.6860, -1.2490, -2.1784

Deuteranopia

75.8467, 5.4699, -14.0175



Tritanopia

76.3559, -35.1349, -16.9746

Trichromacy



Original Color

76.4047, -39.3444, -10.5660



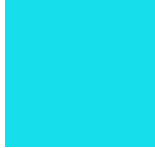
Protanomaly

73.6204, -22.8319, -8.4536



Deuteranomaly

73.5907, -18.5411, -16.4865



Tritanomaly

76.4273, -36.9448, -14.5261

Monochromacy



Original Color

76.4047, -39.3444, -10.5660



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.5907, -23.0464, -4.2726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4047, -39.3444, -10.5660 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, 223, 228)` looks like.

```
.text, #text, p{  
  color:rgb(0, 223, 228)  
}
```

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, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4047, -39.3444, -10.5660 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, 223, 228) }
```


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

```
.border{ border-color:rgb(0, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4047, -39.3444, -10.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 228) }
```

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

```
.background{ background-color: rgb(0, 223,  
228) }
```

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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