

Converting Colors

HunterLab(76.7658, -40.6989,
-8.0934)

Have a look what the booklet for
HunterLab(76.7658, -40.6989,
-8.0934) contains.

HunterLab(76.6114, -40.6157, -8.0800)	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(76.6114,
-40.6157, -8.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0E0
RGB	0, 224, 224
RGB Percent	0%, 88%, 88%
CMY	0.9998, 0.1216, 0.1216
CMYK	1.00, 0.00, 0.00, 0.12
HSL	180°, 100%, 44%
HSV	180°, 100%, 88%
XYZ	40.1101, 58.6931, 79.7358
YIQ	157.0240, -133.5040, -47.4880

Conversions

Conversions Part 2

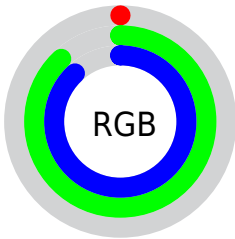
Format	Color
RYB	0, 112, 224
Decimal	57568
CIELab	81.12, -43.59, -12.82
CIELCh	81, 45.439, 196.385
Yxy	58.6952, 0.2247, 0.3287
Android (android.graphics.Color)	4278247648 (0xFF00E0E0)
YUV	157.0240, 33.0192, -137.7100
Hunter-Lab	76.6114, -40.6157, -8.0800

Details

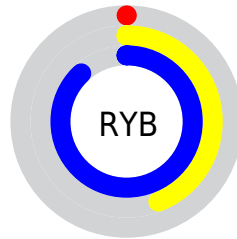
The HunterLab color **76.6114, -40.6157, -8.0800** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **39.8110, 68.1700, 25.7223**, and the grayscale version is **57.9919, -3.0943, 3.1508**.

A 20% lighter version of the original color is **90.6558, -39.5396, -6.7051**, and **55.5606, -29.2372, -6.3313** is the 20% darker color. If you saturate the color by 10%, you get **76.6126, -40.6167, -8.0793**, and if you desaturate by 10%, it is **76.7272, -40.1636, -7.9192**.

Distribution



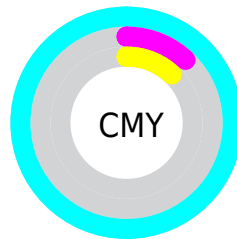
- Red (0%)
- Green (88%)
- Blue (88%)



- Red (0%)
- Yellow (44%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.6114, -40.6157, -8.0800 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 76.6114, -40.6157, -8.0800 by changing the saturation by 10% instead.


 76.6114, -40.6157,
-8.0800

 76.6114, -40.6157,
-8.0800


204.8833,
-64.3135, -5.2471


 65.0906, -37.6431,
-8.1580


 101.4567,
-46.2699, -7.7582

 54.2120, -34.5418,
-8.1770


 114.7237,
-48.9848, -7.5239


 44.0177, -31.2769,
-8.1304


 128.5234,
-51.6412, -7.2443

 34.5572, -27.7984,
-8.0121

 142.8359,
-54.2483, -6.9220

 25.8925, -24.0309,
-7.8156

 157.6435,
-56.8134, -6.5593

 18.1047, -19.8531,
-7.5364

172.9300,

 11.3068, -18.1089,

-59.3427, -6.1581

-7.1820

188.6811,
-61.8413, -5.7202

■ 3.5272, -6.1726,
-14.8982

0.0000, NaN, NaN

■ 76.6114, -40.6157,
-8.0800

■ 76.6114, -40.6157,
-8.0800

■ 76.6126, -40.6167,
-8.0793

■ 76.7272, -40.1636,
-7.9192

■ 76.9737, -39.1921,
-7.5759

■ 77.3933, -37.5463,
-6.9941

■ 78.0073, -35.1561,
-6.1488

■ 78.8311, -31.9819,
-5.0256

■ 79.8755, -28.0100,
-3.6191

■ 81.1473, -23.2493,
-1.9318

■ 82.6495, -17.7281,
0.0271

■ 84.3824, -11.4897,
2.2430

Harmonies

Analogous

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



76.6128, -41.0402, 13.0551



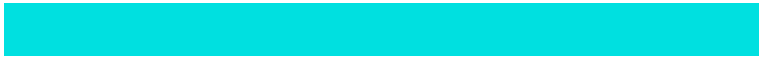
76.6114, -40.6157, -8.0800



76.6128, -31.1562, -31.0807

Triad

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



76.6128, -40.6158, -8.0790



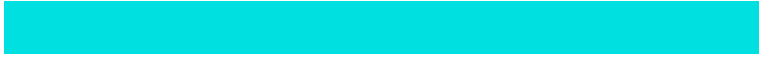
76.6128, 29.0216, -29.1255



76.6128, 6.1276, 33.8883

Complementary

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



76.6114, -40.6157, -8.0800



39.8110, 68.1700, 25.7223

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.



76.6128, 27.3440, 27.9681



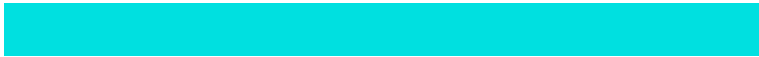
76.6114, -40.6157, -8.0800



76.6128, 41.5349, -5.9254

Square

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



76.6128, -40.6158, -8.0790



76.6128, 8.2167, -45.3848



76.6128, 40.8884, 14.6807



76.6128, -15.6695, 33.6139

Rectangle

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



76.6114, -40.6157, -8.0800



76.6128, -20.3200, -42.6522



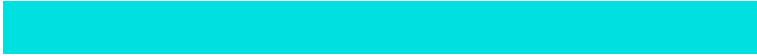
76.6128, 40.8884, 14.6807



76.6128, 13.6104, 32.6488

Sweetspot

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



76.6128, -40.6158, -8.0790



93.9490, -27.0718, -2.2884



73.0326, -62.5388, 43.9062



43.1620, -13.6546, -1.4593

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6128, -40.6158, -8.0790



88.7355, -47.0437, -9.3577



42.2117, 9.3231, -72.8820



39.4619, -5.2037, 1.1057



58.4497, -30.9875, -6.1639



15.3884, -8.1583, -1.6228

Inverse Universe

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



39.8110, 68.1700, 25.7223



46.1086, 78.9623, 29.7942



51.6099, 34.6630, 32.4068



37.0143, 1.3280, 3.1180



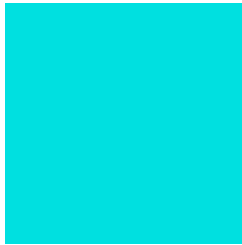
30.3715, 52.0121, 19.6253



7.9961, 13.6936, 5.1668

Previews

White Background



This preview shows how the HunterLab color 76.6114, -40.6157, -8.0800 looks on a white background.

Color Contrast Check

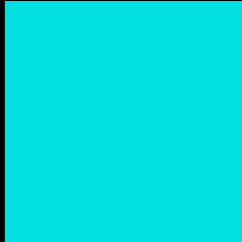
Large Text (above 18pt) WCAG AA × Fail

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 76.6114, -40.6157, -8.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

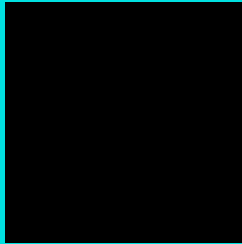
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

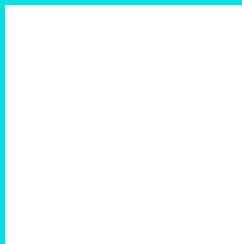
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.6114, -40.6157, -8.0800 Background



This preview shows how black text looks on a background with the HunterLab color 76.6114, -40.6157, -8.0800.



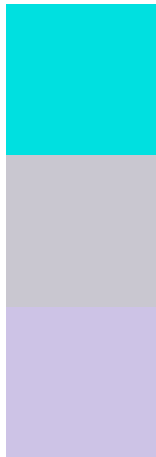
This preview shows how white text looks on a background with the HunterLab color 76.6114,

-40.6157, -8.0800.

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

76.6114, -40.6157, -8.0800

Protanopia

76.0384, -1.8516, 0.2917

Deuteranopia

75.9753, 5.6015, -11.5082



Tritanopia

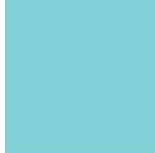
76.8149, -35.0526, -16.9110

Trichromacy



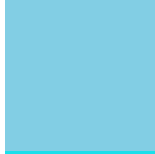
Original Color

76.6114, -40.6157, -8.0800



Protanomaly

73.8620, -23.9025, -5.9723



Deuteranomaly

73.8173, -19.6851, -13.8127



Tritanomaly

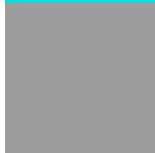
76.7694, -37.4695, -13.4693

Monochromacy



Original Color

76.6114, -40.6157, -8.0800



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.5246, -23.4295, -3.3373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6114, -40.6157, -8.0800 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, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 224)  
}
```

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, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6114, -40.6157, -8.0800 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, 224, 224) }
```


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

```
.border{ border-color:rgb(0, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6114, -40.6157, -8.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 224) }
```

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

```
.background{ background-color: rgb(0, 224,  
224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor