

Converting Colors

HunterLab(76.8787, -42.8761,
-9.0571)

Have a look what the booklet for
HunterLab(76.8787, -42.8761,
-9.0571) contains.

HunterLab(77.3846, -41.0256, -8.1616)	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(77.3846,
-41.0256, -8.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2E2
RGB	0, 226, 226
RGB Percent	0%, 89%, 89%
CMY	0.9998, 0.1137, 0.1137
CMYK	1.00, 0.00, 0.00, 0.11
HSL	180°, 100%, 44%
HSV	180°, 100%, 89%
XYZ	40.9239, 59.8838, 81.3534
YIQ	158.4260, -134.6960, -47.9120

Conversions

Conversions Part 2

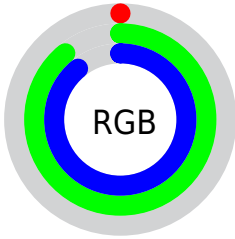
Format	Color
RYB	0, 113, 226
Decimal	58082
CIELab	81.78, -43.89, -12.90
CIELCh	82, 45.744, 196.385
Yxy	59.8860, 0.2247, 0.3287
Android (android.graphics.Color)	4278248162 (0xFF00E2E2)
YUV	158.4260, 33.3140, -138.9396
Hunter-Lab	77.3846, -41.0256, -8.1616

Details

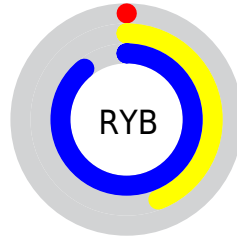
The HunterLab color **77.3846, -41.0256, -8.1616** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.2127, 68.8580, 25.9819**, and the grayscale version is **58.5628, -3.1248, 3.1818**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **56.2936, -29.6253, -6.4096** is the 20% darker color. If you saturate the color by 10%, you get **77.3858, -41.0266, -8.1609**, and if you desaturate by 10%, it is **77.5008, -40.5721, -8.0003**.

Distribution



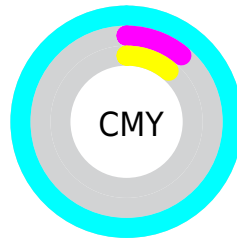
- Red (0%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3846, -41.0256, -8.1616 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 77.3846, -41.0256, -8.1616 by changing the saturation by 10% instead.

77.3846, -41.0256,
-8.1616

77.3846, -41.0256,
-8.1616

205.9557,
-64.8133, -5.3298

65.8231, -38.0434,
-8.2401

102.3056,
-46.6998, -7.8394

54.9013, -34.9332,
-8.2597

115.6080,
-49.4249, -7.6051

44.6610, -31.6605,
-8.2141

129.4417,
-52.0915, -7.3256

35.1509, -28.1761,
-8.0972

143.7870,
-54.7086, -7.0035

26.4320, -24.4062,
-7.9025

158.6263,
-57.2838, -6.6410

18.5840, -20.2326,
-7.6254

173.9436,

11.7171, -17.9490,

-59.8230, -6.2401

-7.2724

189.7245,
-62.3314, -5.8025

■ 4.4343, -7.7601,
-11.9298

0.0000, NaN, NaN

■ 77.3846, -41.0256,
-8.1616

■ 77.3846, -41.0256,
-8.1616

■ 77.3858, -41.0266,
-8.1609

■ 77.5008, -40.5721,
-8.0003

■ 77.7492, -39.5931,
-7.6544

■ 78.1725, -37.9326,
-7.0674

■ 78.7923, -35.5197,
-6.2140

■ 79.6243, -32.3141,
-5.0797

■ 80.6792, -28.3019,
-3.6589

■ 81.9640, -23.4921,
-1.9542

■ 83.4820, -17.9131,
0.0252

■ 85.2331, -11.6090,
2.2644

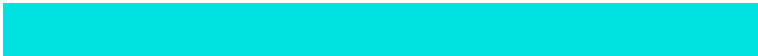
Harmonies

Analogous

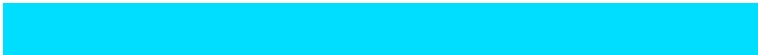
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3860, -41.4544, 13.1869



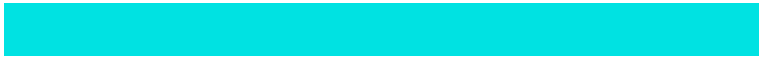
77.3846, -41.0256, -8.1616



77.3860, -31.4706, -31.3944

Triad

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



77.3860, -41.0257, -8.1605



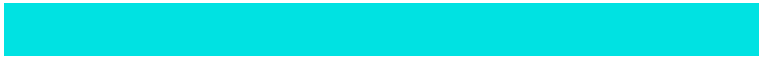
77.3860, 29.3145, -29.4194



77.3860, 6.1894, 34.2303

Complementary

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



77.3846, -41.0256, -8.1616



40.2127, 68.8580, 25.9819

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.



77.3860, 27.6200, 28.2503



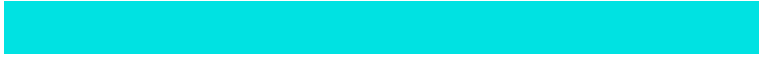
77.3846, -41.0256, -8.1616



77.3860, 41.9541, -5.9851

Square

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



77.3860, -41.0257, -8.1605



77.3860, 8.2997, -45.8428



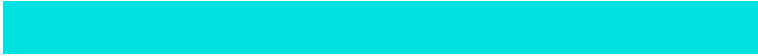
77.3860, 41.3011, 14.8289



77.3860, -15.8277, 33.9531

Rectangle

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



77.3846, -41.0256, -8.1616



77.3860, -20.5250, -43.0827



77.3860, 41.3011, 14.8289



77.3860, 13.7477, 32.9783

Sweetspot

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



77.3860, -41.0257, -8.1605



93.9490, -27.0718, -2.2884



73.7695, -63.1708, 44.3492



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.



77.3860, -41.0257, -8.1605



88.7355, -47.0437, -9.3578



42.6222, 9.4472, -73.6631



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.



40.2127, 68.8580, 25.9819



46.1086, 78.9623, 29.7942



52.1183, 35.0427, 32.7267



37.0143, 1.3280, 3.1180



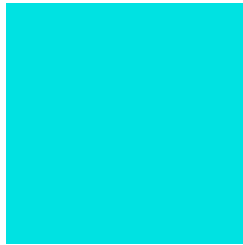
30.3715, 52.0121, 19.6253



7.9961, 13.6936, 5.1668

Previews

White Background



This preview shows how the HunterLab color 77.3846, -41.0256, -8.1616 looks on a white background.

Color Contrast Check

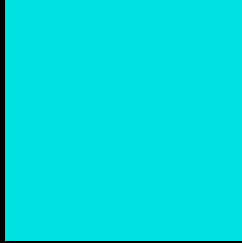
Large Text (above 18pt) WCAG AA × Fail

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 77.3846, -41.0256, -8.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

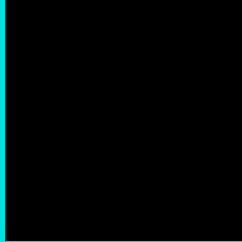
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

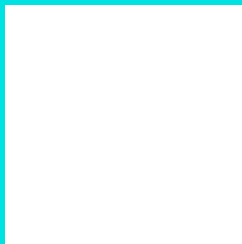
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.3846, -41.0256, -8.1616 Background



This preview shows how black text looks on a background with the HunterLab color 77.3846, -41.0256, -8.1616.



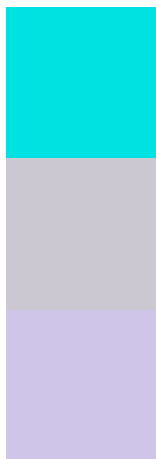
This preview shows how white text looks on a background with the HunterLab color 77.3846,

-41.0256, -8.1616.

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

77.3846, -41.0256, -8.1616

Protanopia

76.5886, -1.3805, -0.0318

Deuteranopia

76.7336, 5.2558, -11.6140



Tritanopia

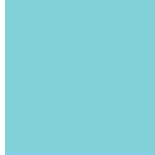
77.5845, -35.4682, -17.0098

Trichromacy



Original Color

77.3846, -41.0256, -8.1616



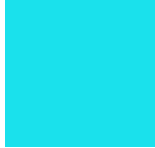
Protanomaly

74.3141, -23.7666, -6.4556



Deuteranomaly

74.5991, -20.0041, -13.8823



Tritanomaly

77.5411, -37.8811, -13.5612

Monochromacy



Original Color

77.3846, -41.0256, -8.1616



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

63.2871, -23.7475, -3.3888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3846, -41.0256, -8.1616 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, 226)` looks like.

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

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, 226) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 77.3846, -41.0256, -8.1616 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, 226) }
```


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

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

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, 226)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 77.3846, -41.0256, -8.1616 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, 226) }
```

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

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

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