

Converting Colors

HunterLab(76.6643, -35.3240,
-19.5695)

Have a look what the booklet for
HunterLab(76.6643, -35.3240,
-19.5695) contains.

HunterLab(76.6643, -35.3240, -19.5695)	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(76.6643,
-35.3240, -19.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	00DEF4
RGB	0, 222, 244
RGB Percent	0%, 87%, 96%
CMY	0.9997, 0.1294, 0.0431
CMYK	1.00, 0.09, 0.00, 0.04
HSL	185°, 100%, 48%
HSV	185°, 100%, 96%
XYZ	42.4503, 58.7741, 94.6951
YIQ	158.1300, -139.3740, -40.2220

Conversions

Conversions Part 2

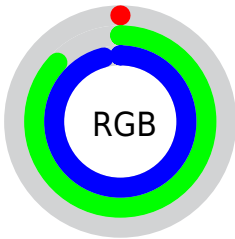
Format	Color
RYB	0, 116, 244
Decimal	57076
CIELab	81.17, -36.63, -23.37
CIELCh	81, 43.452, 212.544
Yxy	58.7763, 0.2167, 0.3000
Android (android.graphics.Color)	4278247156 (0xFF00DEF4)
YUV	158.1300, 42.3339, -138.6800
Hunter-Lab	76.6643, -35.3240, -19.5695

Details

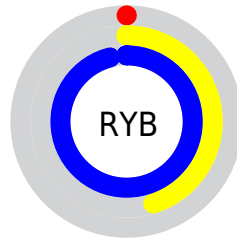
The HunterLab color **76.6643, -35.3240, -19.5695** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **44.5081, 72.8944, 28.6993**, and the grayscale version is **58.4088, -3.1165, 3.1735**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **55.5907, -24.3520, -16.9145** is the 20% darker color. If you saturate the color by 10%, you get **76.6634, -35.3224, -19.5717**, and if you desaturate by 10%, it is **77.5580, -35.7778, -18.2649**.

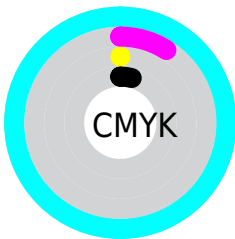
Distribution



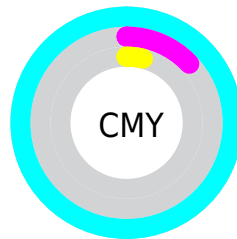
- Red (0%)
- Green (87%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6643, -35.3240, -19.5695 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 76.6643, -35.3240, -19.5695 by changing the saturation by 10% instead.

76.6643, -35.3240,
-19.5695

76.6643, -35.3240,
-19.5695

204.9567,
-56.1929, -19.7288

65.1407, -32.7534,
-19.2858

101.5147,
-40.2443, -19.9569

54.2591, -30.0843,
-18.9418

114.7842,
-42.6209, -20.0682

44.0617, -27.2885,
-18.5362

128.5862,
-44.9547, -20.1276

34.5977, -24.3260,
-18.0733

142.9010,
-47.2529, -20.1377

25.9293, -21.1354,
-17.5685

157.7107,
-49.5214, -20.1008

18.1374, -17.6174,
-17.0672

172.9994,

11.3347, -15.4107,

-51.7650, -20.0191

-16.7130

188.7525,
-53.9877, -19.8945

■ 3.5966, -6.2941,
-30.8395

0.0000, NaN, -NF

■ 76.6643, -35.3240,
-19.5695

■ 76.6643, -35.3240,
-19.5695

■ 76.6634, -35.3224,
-19.5717

■ 77.5580, -35.7778,
-18.2649

■ 78.6091, -35.6198,
-16.7395

■ 79.8614, -34.6909,
-14.9393

■ 81.3341, -32.9278,
-12.8504

■ 83.0391, -30.3043,
-10.4729

■ 84.9823, -26.8230,
-7.8172

■ 87.1656, -22.5096,
-4.9007

■ 89.5869, -17.4065,
-1.7459

■ 92.2414, -11.5683,
1.6221

Harmonies

Analogous

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



76.6657, -40.4913, 2.4442



76.6643, -35.3240, -19.5695



76.6657, -21.8819, -38.4682

Triad

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



76.6657, -35.3238, -19.5683



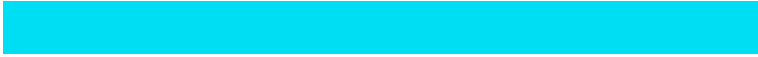
76.6657, 35.2372, -15.7911



76.6657, -5.8832, 33.5381

Complementary

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



76.6643, -35.3240, -19.5695



44.5081, 72.8944, 28.6993

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.



76.6657, 15.4780, 31.0844



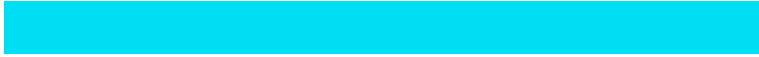
76.6643, -35.3240, -19.5695



76.6657, 40.6852, 5.8627

Square

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



76.6657, -35.3238, -19.5683



76.6657, 18.9209, -35.9059



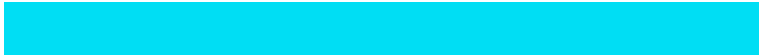
76.6657, 33.1035, 22.1336



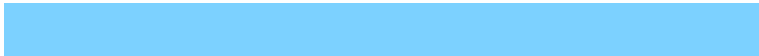
76.6657, -24.6797, 30.0562

Rectangle

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



76.6643, -35.3240, -19.5695



76.6657, -9.2779, -44.6740



76.6657, 33.1035, 22.1336



76.6657, 1.2298, 33.3797

Sweetspot

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



76.6657, -35.3238, -19.5683



91.6195, -23.7140, -5.1835



80.4702, -68.7715, 47.8801



41.9248, -11.9045, -3.0120

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6657, -35.3238, -19.5683



80.5825, -37.1131, -20.6045



39.9714, 24.0648, -101.9038



42.9967, -5.2443, 0.8335



56.6239, -26.1633, -14.2959



17.0041, -8.0275, -3.9246

Inverse Universe

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



49.5064, 95.4269, -50.5906



52.0446, 100.3227, -53.1494



62.1990, 26.1363, 38.7825



40.9158, 3.1962, -1.0827



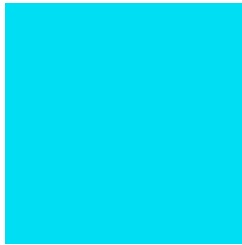
36.5187, 70.4206, -37.4968



10.8606, 20.9964, -11.5661

Previews

White Background



This preview shows how the HunterLab color 76.6643, -35.3240, -19.5695 looks on a white background.

Color Contrast Check

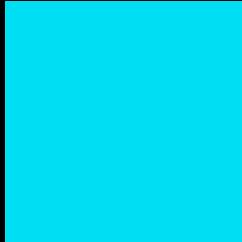
Large Text (above 18pt) WCAG AA × Fail

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 76.6643, -35.3240, -19.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

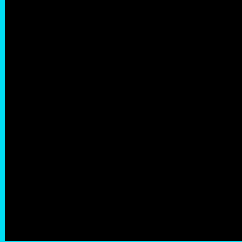
Any Text WCAG AA ✓ Pass

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 76.6643, -35.3240, -19.5695 Background



This preview shows how black text looks on a background with the HunterLab color 76.6643, -35.3240, -19.5695.



This preview shows how white text looks on a background with the HunterLab color 76.6643, -35.3240, -19.5695.

-35.3240, -19.5695.

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

76.6643, -35.3240, -19.5695

Protanopia

75.8892, 0.5666, -10.5718

Deuteranopia

76.0601, 5.9290, -23.5297



Tritanopia

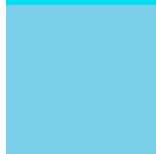
76.5074, -36.2487, -17.3771

Trichromacy



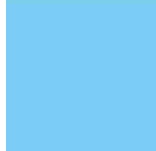
Original Color

76.6643, -35.3240, -19.5695



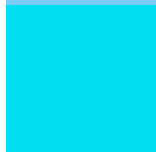
Protanomaly

74.0616, -20.0029, -17.0301



Deuteranomaly

73.9263, -16.0239, -25.9521



Tritanomaly

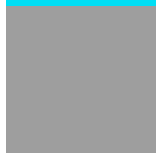
76.5463, -36.0190, -17.9215

Monochromacy



Original Color

76.6643, -35.3240, -19.5695



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

62.8399, -21.6969, -7.0825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6643, -35.3240, -19.5695 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, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 244)  
}
```

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, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 244) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6643, -35.3240, -19.5695 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, 222, 244) }
```


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

```
.border{ border-color:rgb(0, 222, 244) }
```

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

Here you see how a box with a 4 pixel rgb(0, 222, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 222,  
244) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6643, -35.3240, -19.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 244) }
```

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

```
.background{ background-color: rgb(0, 222,  
244) }
```

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