

Converting Colors

HunterLab(63.0397, -53.1730,
-46.7268)

Have a look what the booklet for
HunterLab(63.0397, -53.1730,
-46.7268) contains.

HunterLab(70.0576, -25.2213, -33.1203)	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(70.0576,
-25.2213, -33.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	00CAF9
RGB	0, 202, 249
RGB Percent	0%, 79%, 98%
CMY	0.9997, 0.2078, 0.0235
CMYK	1.00, 0.19, 0.00, 0.02
HSL	191°, 100%, 49%
HSV	191°, 100%, 98%
XYZ	38.2195, 49.0807, 97.0817
YIQ	146.9600, -135.4790, -28.2070

Conversions

Conversions Part 2

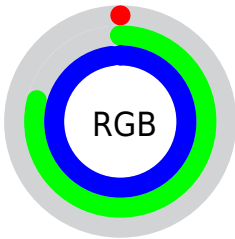
Format	Color
RYB	0, 112, 249
Decimal	51961
CIELab	75.50, -25.35, -34.73
CIELCh	76, 43.002, 233.875
Yxy	49.0824, 0.2073, 0.2662
Android (android.graphics.Color)	4278242041 (0xFF00CAF9)
YUV	146.9600, 50.3057, -128.8839
Hunter-Lab	70.0576, -25.2213, -33.1203

Details

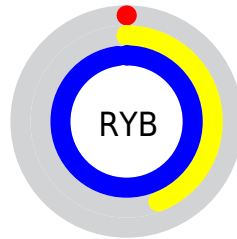
The HunterLab color **70.0576, -25.2213, -33.1203** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **47.0945, 69.5250, 30.2339**, and the grayscale version is **53.8523, -2.8734, 2.9259**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **49.9856, -15.6816, -28.6256** is the 20% darker color. If you saturate the color by 10%, you get **70.0538, -25.2158, -33.1274**, and if you desaturate by 10%, it is **71.7832, -26.7997, -30.2622**.

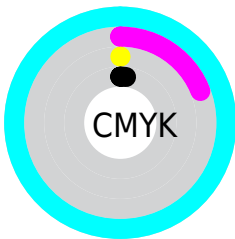
Distribution



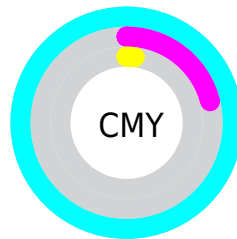
- Red (0%)
- Green (79%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0576, -25.2213, -33.1203 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 70.0576, -25.2213, -33.1203 by changing the saturation by 10% instead.

70.0576, -25.2213,
-33.1203

70.0576, -25.2213,
-33.1203

195.7209,
-41.7003, -36.2618

58.8938, -23.2540,
-32.5305

94.2411, -29.0242,
-34.1634

48.3944, -21.2253,
-31.9118

107.1991,
-30.8798, -34.6112

38.6058, -19.1135,
-31.2878

120.7019,
-32.7137, -35.0082

29.5839, -16.8870,
-30.7110

134.7285,
-34.5308, -35.3548

21.4006, -14.4952,
-30.2996

149.2598,
-36.3351, -35.6521

14.1524, -11.8500,
-30.3562

164.2790,

7.8049, -13.6586,

-38.1297, -35.9014

-32.8184

179.7707,
-39.9174, -36.1042

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0576, -25.2213,
-33.1203

■ 70.0576, -25.2213,
-33.1203

■ 70.0538, -25.2158,
-33.1274

■ 71.7832, -26.7997,
-30.2622

■ 73.6917, -27.7022,
-27.1848

■ 75.8239, -27.7768,
-23.8445

■ 78.1932, -26.9796,
-20.2471

■ 80.8045, -25.3064,

-16.4127

■ 83.6568, -22.7812,
-12.3688

■ 86.7452, -19.4472,
-8.1458

■ 90.0620, -15.3601,
-3.7745

■ 93.5977, -10.5817,
0.7166

Harmonies

Analogous

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



70.0588, -35.8666, -12.8674



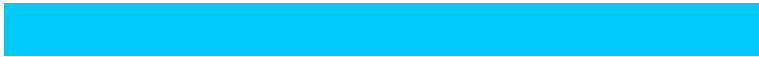
70.0576, -25.2213, -33.1203



70.0588, -7.8422, -43.8254

Triad

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



70.0588, -25.2209, -33.1191



70.0588, 39.2563, -0.2486



70.0588, -18.7932, 29.9035

Complementary

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



70.0576, -25.2213, -33.1203



47.0945, 69.5250, 30.2339

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.



70.0588, 0.4549, 31.5203



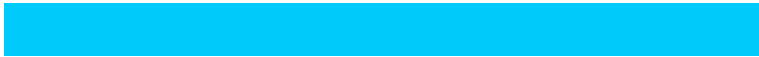
70.0576, -25.2213, -33.1203



70.0588, 35.4718, 17.1916

Square

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



70.0588, -25.2209, -33.1191



70.0588, 30.5079, -21.6818



70.0588, 20.6836, 27.5920



70.0588, -32.4606, 22.3012

Rectangle

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



70.0576, -25.2213, -33.1203



70.0588, 5.8270, -42.4303



70.0588, 20.6836, 27.5920



70.0588, -12.8233, 31.0550

Sweetspot

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



70.0588, -25.2209, -33.1191



89.1025, -20.0063, -8.3990



82.4303, -69.8381, 47.7329



40.5900, -9.9691, -4.7424

0.0000, NaN, NaN



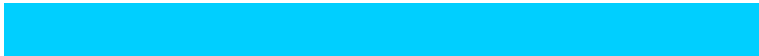
46.2646, -2.4686, 2.5136

Same Dimension

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



70.0588, -25.2209, -33.1191



71.9551, -25.8800, -34.0702



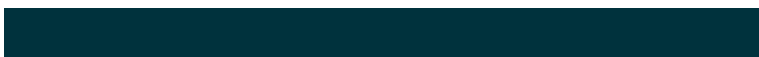
35.2388, 39.0776, -128.3953



43.6104, -4.8087, 0.4333



51.4464, -18.7099, -23.9142



16.0937, -6.2786, -6.5620

Inverse Universe

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



49.4024, 93.2265, -34.9889



50.7522, 95.7770, -35.9034



69.9678, 13.9808, 43.3568



41.7912, 3.0823, -0.5896



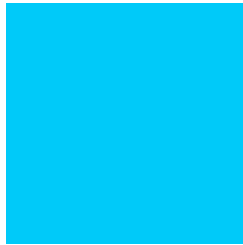
36.1701, 68.3075, -25.9683



11.0711, 21.0121, -8.7565

Previews

White Background



This preview shows how the HunterLab color 70.0576, -25.2213, -33.1203 looks on a white background.

Color Contrast Check

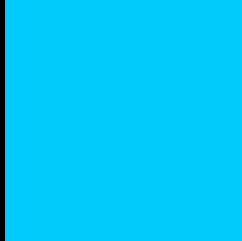
Large Text (above 18pt) WCAG AA × Fail

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 70.0576, -25.2213, -33.1203 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 70.0576, -25.2213, -33.1203 Background



This preview shows how black text looks on a background with the HunterLab color 70.0576, -25.2213, -33.1203.



This preview shows how white text looks on a background with the HunterLab color 70.0576, -25.2213, -33.1203.

-25.2213, -33.1203.

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

70.0576, -25.2213, -33.1203

Protanopia

69.6585, 2.9516, -23.9233

Deuteranopia

69.5688, 5.8305, -36.9420



Tritanopia

69.9165, -33.2972, -15.5104

Trichromacy



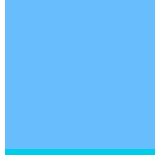
Original Color

70.0576, -25.2213, -33.1203



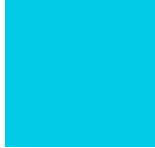
Protanomaly

68.0951, -13.1378, -30.0485



Deuteranomaly

68.0930, -10.4337, -38.4136



Tritanomaly

69.9680, -30.5596, -21.4846

Monochromacy



Original Color

70.0576, -25.2213, -33.1203



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

57.8600, -17.6922, -11.1248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0576, -25.2213, -33.1203 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, 202, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 249)  
}
```

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, 202, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0576, -25.2213, -33.1203 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, 202, 249) }
```


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

```
.border{ border-color:rgb(0, 202, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0576, -25.2213, -33.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 249) }
```

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

```
.background{ background-color: rgb(0, 202,  
249) }
```

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