

Converting Colors

HunterLab(76.0418, -33.5769,
-22.5627)

Have a look what the booklet for
HunterLab(76.0418, -33.5769,
-22.5627) contains.

HunterLab(76.0932, -33.7439, -22.2666)	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(76.0932,
-33.7439, -22.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCF7
RGB	0, 220, 247
RGB Percent	0%, 86%, 97%
CMY	0.9997, 0.1372, 0.0314
CMYK	1.00, 0.11, 0.00, 0.03
HSL	187°, 100%, 48%
HSV	187°, 100%, 97%
XYZ	42.3817, 57.9018, 96.9381
YIQ	157.2980, -139.7870, -38.2430

Conversions

Conversions Part 2

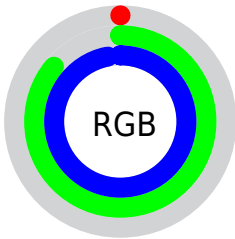
Format	Color
RYB	0, 116, 247
Decimal	56567
CIELab	80.69, -34.75, -25.70
CIELCh	81, 43.226, 216.487
Yxy	57.9038, 0.2149, 0.2936
Android (android.graphics.Color)	4278246647 (0xFF00DCF7)
YUV	157.2980, 44.2231, -137.9503
Hunter-Lab	76.0932, -33.7439, -22.2666

Details

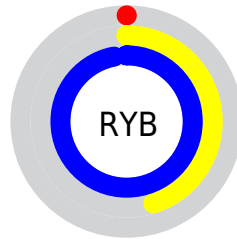
The HunterLab color **76.0932, -33.7439, -22.2666** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **45.3448, 73.1945, 29.2201**, and the grayscale version is **58.0627, -3.0981, 3.1547**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **55.0568, -22.8203, -19.5538** is the 20% darker color. If you saturate the color by 10%, you get **76.0917, -33.7415, -22.2697**, and if you desaturate by 10%, it is **77.1597, -34.4149, -20.6743**.

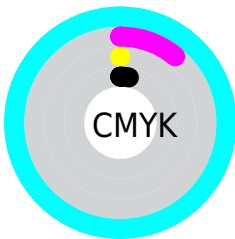
Distribution



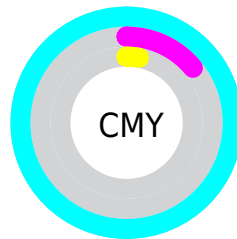
- Red (0%)
- Green (86%)
- Blue (97%)



- Red (0%)
- Yellow (45%)
- Blue (97%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0932, -33.7439, -22.2666 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 76.0932, -33.7439, -22.2666 by changing the saturation by 10% instead.

76.0932, -33.7439,
-22.2666

76.0932, -33.7439,
-22.2666

204.1635,
-53.8738, -23.0510

64.5998, -31.2761,
-21.9125

100.8875,
-38.4748, -22.7971

53.7503, -28.7166,
-21.5007

114.1307,
-40.7635, -22.9797

43.5871, -26.0387,
-21.0325

127.9074,
-43.0131, -23.1099

34.1601, -23.2040,
-20.5170

142.1978,
-45.2304, -23.1899

25.5319, -20.1540,
-19.9794

156.9840,
-47.4210, -23.2220

17.7849, -16.7926,
-19.4878

172.2499,

11.0337, -14.8447,

-49.5893, -23.2083

-19.2487

187.9809,
-51.7392, -23.1507

■ 2.7544, -4.8202,
-45.4230

0.0000, NaN, -NF

■ 76.0932, -33.7439,
-22.2666

■ 76.0932, -33.7439,
-22.2666

■ 76.0917, -33.7415,
-22.2697

■ 77.1597, -34.4149,
-20.6743

■ 78.3896, -34.4564,
-18.8563

■ 79.8263, -33.7093,
-16.7600

■ 81.4884, -32.1130,
-14.3748

■ 83.3866, -29.6450,
-11.7046

■ 85.5257, -26.3119,
-8.7632

■ 87.9061, -22.1430,
-5.5715

■ 90.5248, -17.1839,
-2.1542

■ 93.3759, -11.4910,
1.4621

Harmonies

Analogous

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



76.0946, -40.0067, -0.3028



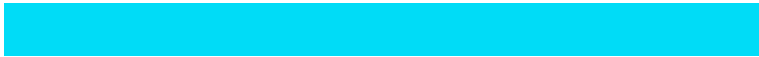
76.0932, -33.7439, -22.2666



76.0946, -19.4373, -39.8914

Triad

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



76.0946, -33.7437, -22.2654



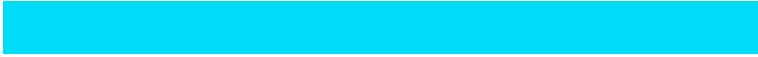
76.0946, 36.3864, -12.7357



76.0946, -8.5496, 33.1692

Complementary

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



76.0932, -33.7439, -22.2666



45.3448, 73.1945, 29.2201

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.



76.0946, 12.6351, 31.5118



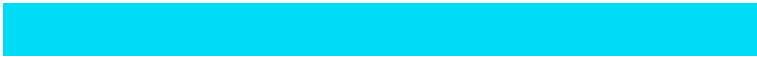
76.0932, -33.7439, -22.2666



76.0946, 40.1051, 8.3339

Square

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



76.0946, -33.7437, -22.2654



76.0946, 21.3268, -33.4325



76.0946, 31.0019, 23.5419



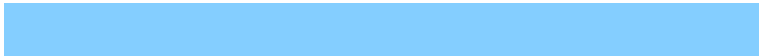
76.0946, -26.5088, 28.9059

Rectangle

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



76.0932, -33.7439, -22.2666



76.0946, -6.5104, -44.7240



76.0946, 31.0019, 23.5419



76.0946, -1.5868, 33.2643

Sweetspot

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



76.0946, -33.7437, -22.2654



91.1281, -22.9969, -5.8039



81.6039, -69.6714, 48.4058



41.6641, -11.5304, -3.3453

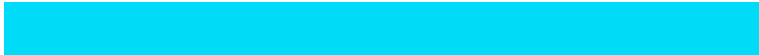
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.0946, -33.7437, -22.2654



78.8819, -34.9653, -23.1155



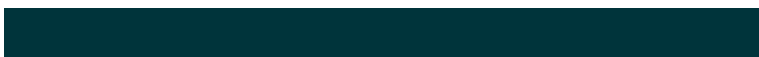
39.5090, 26.8044, -107.2396



42.9303, -5.1384, 0.7548



55.4530, -24.6864, -16.0205



16.7014, -7.6492, -4.3629

Inverse Universe

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



49.9433, 95.8681, -47.9310



51.7809, 99.3995, -49.6635



64.0516, 24.4202, 39.8940



40.9087, 3.1586, -0.9828



36.3368, 69.7840, -35.0938



10.8131, 20.8304, -10.9403

Previews

White Background



This preview shows how the HunterLab color 76.0932, -33.7439, -22.2666 looks on a white background.

Color Contrast Check

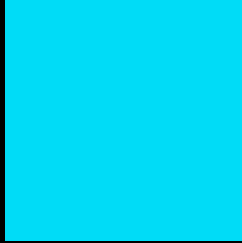
Large Text (above 18pt) WCAG AA × Fail

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 76.0932, -33.7439, -22.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

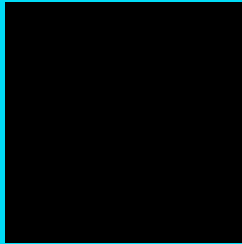
Any Text WCAG AA ✓ Pass

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 76.0932, -33.7439, -22.2666 Background



This preview shows how black text looks on a background with the HunterLab color 76.0932, -33.7439, -22.2666.



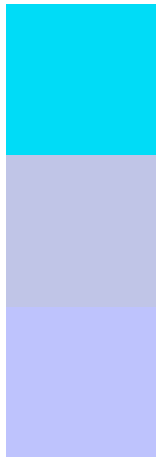
This preview shows how white text looks on a background with the HunterLab color 76.0932,

-33.7439, -22.2666.

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

76.0932, -33.7439, -22.2666

Protanopia

75.4377, 0.7942, -12.9203

Deuteranopia

75.5442, 5.9774, -26.2793



Tritanopia

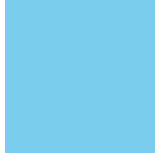
76.1215, -36.0470, -17.3302

Trichromacy



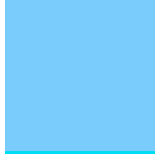
Original Color

76.0932, -33.7439, -22.2666



Protanomaly

73.4266, -18.7529, -19.7785



Deuteranomaly

73.6313, -15.1807, -28.3851



Tritanomaly

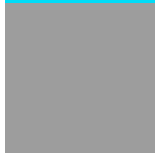
76.2389, -35.3553, -18.9700

Monochromacy



Original Color

76.0932, -33.7439, -22.2666



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.5056, -21.2251, -8.0649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0932, -33.7439, -22.2666 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, 220, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 247)  
}
```

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, 220, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0932, -33.7439, -22.2666 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, 220, 247) }
```


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

```
.border{ border-color:rgb(0, 220, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0932, -33.7439, -22.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 247) }
```

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

```
.background{ background-color: rgb(0, 220,  
247) }
```

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