

Converting Colors

HunterLab(78.0915, -19.0400,
-56.5178)

Have a look what the booklet for
HunterLab(78.0915, -19.0400,
-56.5178) contains.

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Color

**HunterLab(76.0809,
-31.3604, -27.3963)**

Conversions

Conversions Part 1

Format	Color
Hex	00DBFF
RGB	0, 219, 255
RGB Percent	0%, 86%, 100%
CMY	0.9997, 0.1412, 0.0000
CMYK	1.00, 0.14, 0.00, 0.00
HSL	188°, 100%, 50%
HSV	188°, 100%, 100%
XYZ	43.3815, 57.8830, 103.4938
YIQ	157.6230, -142.0800, -35.2320

Conversions

Conversions Part 2

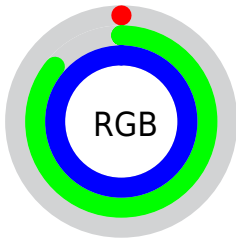
Format	Color
RYB	0, 118, 255
Decimal	56319
CIELab	80.67, -31.73, -29.96
CIELCh	81, 43.641, 223.362
Yxy	57.8850, 0.2119, 0.2827
Android (android.graphics.Color)	4278246399 (0xFF00DBFF)
YUV	157.6230, 48.0069, -138.2354
Hunter-Lab	76.0809, -31.3604, -27.3963

Details

The HunterLab color **76.0809, -31.3604, -27.3963** 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 **47.4621, 74.4235, 30.5460**, and the grayscale version is **58.1820, -3.1044, 3.1611**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **55.3427, -21.1554, -23.5051** is the 20% darker color. If you saturate the color by 10%, you get **76.0781, -31.3567, -27.4008**, and if you desaturate by 10%, it is **77.4583, -32.4336, -25.2553**.

Distribution



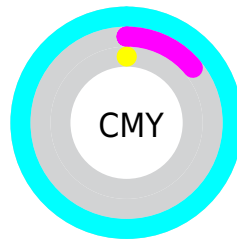
- Red (0%)
- Green (86%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0809, -31.3604, -27.3963 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 76.0809, -31.3604, -27.3963 by changing the saturation by 10% instead.

76.0809, -31.3604,
-27.3963

76.0809, -31.3604,
-27.3963

204.1463,
-50.2811, -29.2290

64.5881, -29.0641,
-26.9305

100.8739,
-35.7786, -28.1586

53.7393, -26.6885,
-26.4156

114.1165,
-37.9228, -28.4596

43.5768, -24.2099,
-25.8579

127.8927,
-40.0346, -28.7083

34.1506, -21.5943,
-25.2772

142.1826,
-42.1198, -28.9063

25.5233, -18.7893,
-24.7196

156.9682,
-44.1834, -29.0556

17.7773, -15.7088,
-24.2995

172.2336,

11.0272, -13.6531,

-46.2293, -29.1579

-24.3476

187.9641,
-48.2610, -29.2152

■ 2.7332, -4.7832,
-57.8436

0.0000, NaN, -NF

■ 76.0809, -31.3604,
-27.3963

■ 76.0809, -31.3604,
-27.3963

■ 76.0781, -31.3567,
-27.4008

■ 77.4583, -32.4336,
-25.2553

■ 79.0125, -32.8354,
-22.8801

■ 80.7871, -32.4059,
-20.2197

■ 82.7994, -31.0884,
-17.2692

■ 85.0582, -28.8665,
-14.0394

■ 87.5663, -25.7540,
-10.5506

■ 90.3219, -21.7869,
-6.8288

■ 93.3200, -17.0167,
-2.9028

■ 96.5527, -11.5044,
1.1983

Harmonies

Analogous

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



76.0822, -39.6370, -5.3247



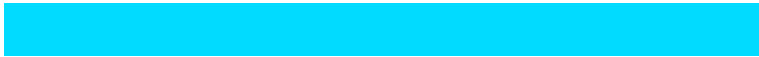
76.0809, -31.3604, -27.3963



76.0822, -15.3308, -42.8705

Triad

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



76.0822, -31.3604, -27.3943



76.0822, 38.8230, -7.7535



76.0822, -13.2110, 32.9265

Complementary

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



76.0809, -31.3604, -27.3963



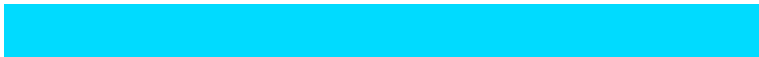
47.4621, 74.4235, 30.5460

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.



76.0822, 7.9000, 32.6078



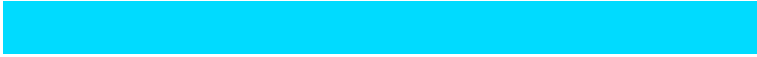
76.0809, -31.3604, -27.3963



76.0822, 39.5506, 12.5285

Square

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



76.0822, -31.3604, -27.3943



76.0822, 25.8320, -29.5845



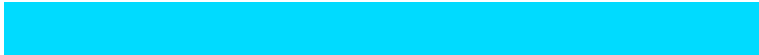
76.0822, 27.7231, 26.1534



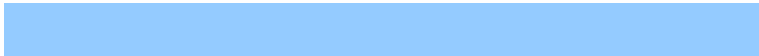
76.0822, -29.9547, 27.1892

Rectangle

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



76.0809, -31.3604, -27.3963



76.0822, -1.6707, -45.3142



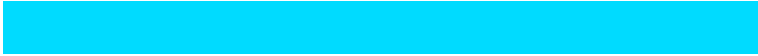
76.0822, 27.7231, 26.1534



76.0822, -6.4274, 33.4649

Sweetspot

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



76.0822, -31.3604, -27.3943



90.3131, -21.8004, -6.8406



84.6383, -72.0870, 49.8280



41.2318, -10.9060, -3.9029

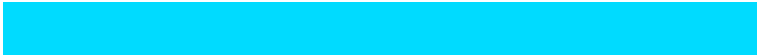
0.0000, NaN, NaN



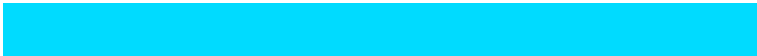
46.2646, -2.4686, 2.5136

Same Dimension

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



76.0822, -31.3604, -27.3943



76.0781, -31.3567, -27.4008



38.9179, 32.8613, -119.5749



44.7418, -5.1961, 0.6443



55.1461, -22.8650, -19.5689



17.5380, -7.5616, -5.5976

Inverse Universe

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



51.3579, 97.9019, -44.0104



51.3557, 97.9059, -44.0062



68.5092, 21.0083, 42.5809



42.7243, 3.2593, -0.8676



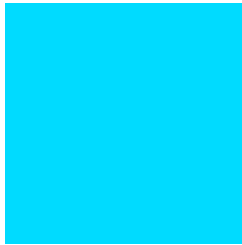
37.1456, 70.8523, -32.1150



11.6407, 22.2838, -10.6856

Previews

White Background



This preview shows how the HunterLab color 76.0809, -31.3604, -27.3963 looks on a white background.

Color Contrast Check

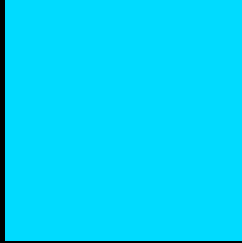
Large Text (above 18pt) WCAG AA × Fail

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 76.0809, -31.3604, -27.3963 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 76.0809, -31.3604, -27.3963 Background



This preview shows how black text looks on a background with the HunterLab color 76.0809, -31.3604, -27.3963.



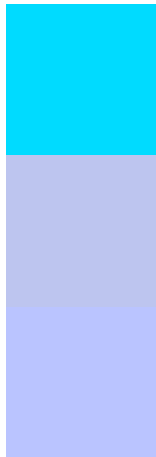
This preview shows how white text looks on a background with the HunterLab color 76.0809,

-31.3604, -27.3963.

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

76.0809, -31.3604, -27.3963

Protanopia

75.4873, 1.5761, -17.5968

Deuteranopia

75.5903, 4.7725, -27.5446



Tritanopia

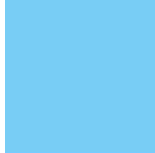
76.0828, -36.2755, -16.7885

Trichromacy



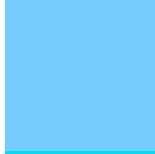
Original Color

76.0809, -31.3604, -27.3963



Protanomaly

73.6534, -17.2702, -24.4571



Deuteranomaly

73.6595, -14.7321, -31.0209



Tritanomaly

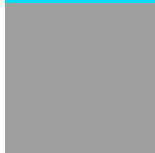
75.9724, -34.4536, -20.5835

Monochromacy



Original Color

76.0809, -31.3604, -27.3963



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

62.6574, -20.4430, -9.4893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0809, -31.3604, -27.3963 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 255)  
}
```

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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0809, -31.3604, -27.3963 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, 219, 255) }
```


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

```
.border{ border-color:rgb(0, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0809, -31.3604, -27.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 255) }
```

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

```
.background{ background-color: rgb(0, 219,  
255) }
```

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](#).

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