

Converting Colors

HunterLab(76.7085, -16.9287,
-26.1537)

Have a look what the booklet for
HunterLab(76.7085, -16.9287,
-26.1537) contains.

HunterLab(76.7438, -16.8531, -26.0970)	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(76.7438,
-16.8531, -26.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	80D4FF
RGB	128, 212, 255
RGB Percent	50%, 83%, 100%
CMY	0.4980, 0.1686, 0.0000
CMYK	0.50, 0.17, 0.00, 0.00
HSL	200°, 100%, 75%
HSV	200°, 50%, 100%
XYZ	50.4955, 58.8961, 103.3144
YIQ	191.7860, -63.8670, -4.4350

Conversions

Conversions Part 2

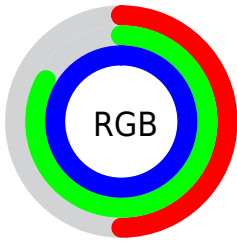
Format	Color
R _Y B	128, 179, 255
Decimal	8443135
CIE Lab	81.24, -14.16, -28.88
CIE LCh	81, 32.167, 243.886
Yxy	58.8982, 0.2374, 0.2769
Android (android.graphics.Color)	4286633215 (0xFF80D4FF)
YUV	191.7860, 31.1645, -55.9403
Hunter-Lab	76.7438, -16.8531, -26.0970

Details

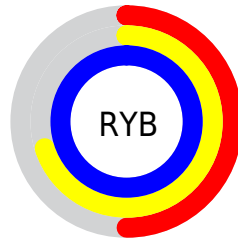
The HunterLab color **76.7438, -16.8531, -26.0970** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72.0731, 21.7281, 27.9900**, and the grayscale version is **72.4055, -3.8634, 3.9339**.

A 20% lighter version of the original color is **94.5012, -25.0278, -1.5638**, and **54.2074, -13.9736, -25.2777** is the 20% darker color. If you saturate the color by 10%, you get **72.7744, -16.9054, -32.5306**, and if you desaturate by 10%, it is **80.9710, -15.9478, -19.6606**.

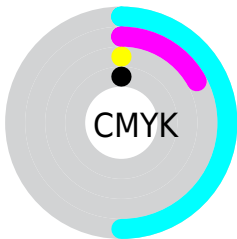
Distribution



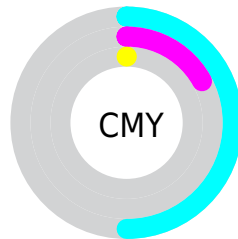
- Red (50%)
- Green (83%)
- Blue (100%)



- Red (50%)
- Yellow (70%)
- Blue (100%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7438, -16.8531, -26.0970 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 76.7438, -16.8531, -26.0970 by changing the saturation by 10% instead.

■ 76.7438, -16.8531,
-26.0970

■ 76.7438, -16.8531,
-26.0970

205.0670,
-28.9441, -27.6457

■ 65.2159, -15.5169,
-25.6608

■ 101.6020,
-19.5135, -26.7964

■ 54.3300, -14.1690,
-25.1729

■ 114.8752,
-20.8435, -27.0654

■ 44.1278, -12.8021,
-24.6377

■ 128.6807,
-22.1770, -27.2819

■ 34.6587, -11.4050,
-24.0711

142.9988,
-23.5155, -27.4479

■ 25.9847, -9.9601,
-23.5114

157.8118,
-24.8604, -27.5655

■ 18.1866, -8.4378,
-23.0548

173.1036,

■ 11.3768, -6.7829,

-26.2130, -27.6364

-22.9782

188.8598,
-27.5740, -27.6626

■ 3.6985, -6.4724,
-41.3158

0.0000, NaN, -NF

■ 76.7438, -16.8531,
-26.0970

■ 76.7438, -16.8531,
-26.0970

■ 72.7744, -16.9054,
-32.5306

■ 80.9710, -15.9478,
-19.6606

■ 69.0725, -16.0418,
-38.9275

■ 85.4358, -14.2607,
-13.2596

■ 65.6491, -14.2248,
-45.2399

■ 90.1233, -11.8684,
-6.9144

■ 62.5056, -11.4584,
-51.4255

■ 95.0174, -8.8450,
-0.6400

■ 59.6137, -7.8674,
-57.4980

100.0000, -5.3358,
5.4332

■ 59.5577, -7.7926,
-57.6198

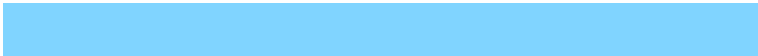
Harmonies

Analogous

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



76.7452, -27.4340, -13.4845



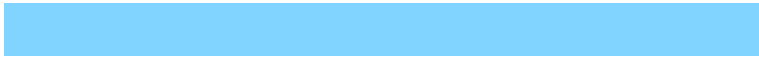
76.7438, -16.8531, -26.0970



76.7452, -2.0565, -30.0695

Triad

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



76.7452, -16.8536, -26.0949



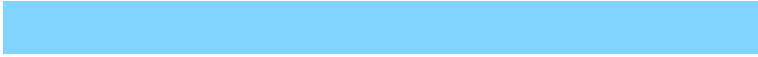
76.7452, 28.1598, 6.0854



76.7452, -20.1088, 24.2811

Complementary

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



76.7438, -16.8531, -26.0970



72.0731, 21.7281, 27.9900

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.



76.7452, -6.1205, 27.5310



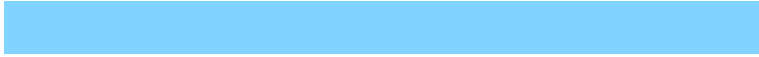
76.7438, -16.8531, -26.0970



76.7452, 22.4072, 18.4374

Square

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



76.7452, -16.8536, -26.0949



76.7452, 24.7176, -9.4648



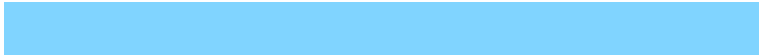
76.7452, 9.5471, 25.6263



76.7452, -29.2055, 15.6996

Rectangle

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



76.7438, -16.8531, -26.0970



76.7452, 8.4214, -26.7404



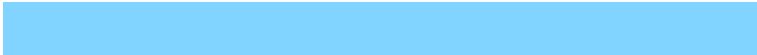
76.7452, 9.5471, 25.6263



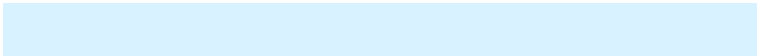
76.7452, -15.8650, 25.9460

Sweetspot

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



76.7452, -16.8536, -26.0949



92.4485, -10.4910, -3.8921



88.8958, -51.2526, 28.4036



42.2960, -5.1415, -2.4136

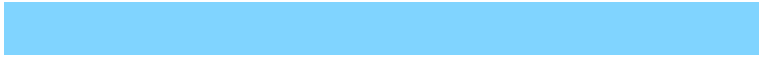
0.0000, NaN, NaN



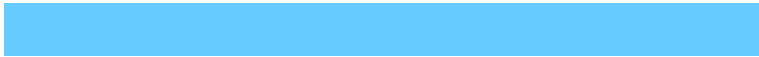
46.2646, -2.4686, 2.5136

Same Dimension

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



76.7452, -16.8536, -26.0949



72.6983, -16.8974, -32.6579



57.7571, 15.5232, -61.2574



44.0281, -4.0464, -0.2104



43.3844, -6.1582, -40.9329



14.2655, -3.0403, -11.2676

Inverse Universe

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



64.3843, 56.0121, -16.7070



59.2318, 67.4997, -18.9997



90.3161, -10.7876, 42.0557



42.6494, 2.8582, 0.1964



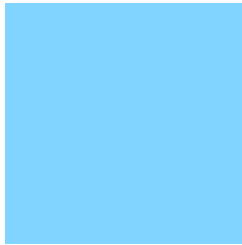
35.5360, 65.1316, -10.1775



11.1803, 20.6524, -4.4484

Previews

White Background



This preview shows how the HunterLab color 76.7438, -16.8531, -26.0970 looks on a white background.

Color Contrast Check

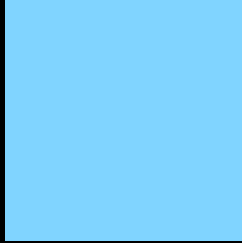
Large Text (above 18pt) WCAG AA × Fail

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 76.7438, -16.8531, -26.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

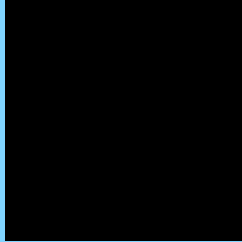
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

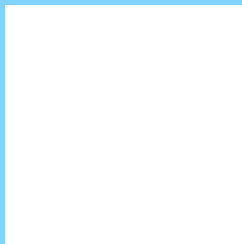
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.7438, -16.8531, -26.0970 Background



This preview shows how black text looks on a background with the HunterLab color 76.7438, -16.8531, -26.0970.



This preview shows how white text looks on a background with the HunterLab color 76.7438, -16.8531, -26.0970.

-16.8531, -26.0970.

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

76.7438, -16.8531, -26.0970

Protanopia

76.4512, 2.3147, -20.4679

Deuteranopia

76.3078, 5.6491, -26.3893



Tritanopia

76.8504, -24.9755, -12.5578

Trichromacy



Original Color

76.7438, -16.8531, -26.0970

Protanomaly

76.3156, -5.7789, -22.7040

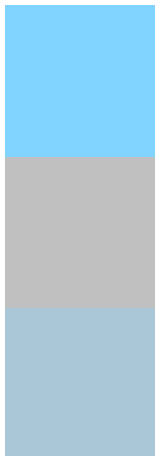
Deuteranomaly

76.0170, -3.1321, -27.0034

Tritanomaly

76.9655, -22.2310, -17.0709

Monochromacy



Original Color

76.7438, -16.8531, -26.0970

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.6126, -9.8796, -6.5945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7438, -16.8531, -26.0970 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(128, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 212, 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(128, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 212, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7438, -16.8531, -26.0970 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(128, 212, 255) }
```


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

```
.border{ border-color:rgb(128, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 212,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7438, -16.8531, -26.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 212, 255) }
```

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

```
.background{ background-color: rgb(128,  
212, 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](#).

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