

Converting Colors

HunterLab(77.1583, -15.3213,
-29.3514)

Have a look what the booklet for
HunterLab(77.1583, -15.3213,
-29.3514) contains.

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Color

**HunterLab(76.7946,
-16.6681, -26.0141)**

Conversions

Conversions Part 1

Format	Color
Hex	81D4FF
RGB	129, 212, 255
RGB Percent	51%, 83%, 100%
CMY	0.4941, 0.1686, 0.0000
CMYK	0.49, 0.17, 0.00, 0.00
HSL	200°, 100%, 75%
HSV	200°, 49%, 100%
XYZ	50.6468, 58.9741, 103.3215
YIQ	192.0850, -63.2710, -4.2230

Conversions

Conversions Part 2

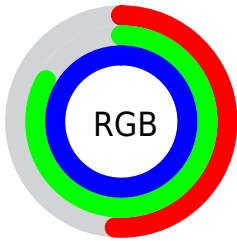
Format	Color
R_{YB}	129, 179, 255
Decimal	8508671
CIE _{Lab}	81.28, -13.94, -28.81
CIE _{LCh}	81, 32.008, 244.184
Yxy	58.9762, 0.2378, 0.2770
Android (android.graphics.Color)	4286698751 (0xFF81D4FF)
YUV	192.0850, 31.0171, -55.3255
Hunter-Lab	76.7946, -16.6681, -26.0141

Details

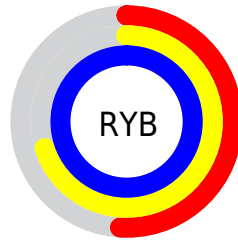
The HunterLab color **76.7946, -16.6681, -26.0141** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72.3541, 21.2934, 27.9364**, and the grayscale version is **72.5324, -3.8701, 3.9408**.

A 20% lighter version of the original color is **94.5682, -24.7809, -1.4762**, and **54.2403, -13.8525, -25.2199** is the 20% darker color. If you saturate the color by 10%, you get **72.7928, -16.7238, -32.4966**, and if you desaturate by 10%, it is **81.0539, -15.7623, -19.5354**.

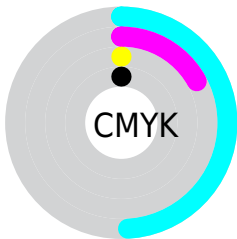
Distribution



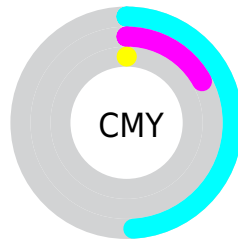
- Red (51%)
- Green (83%)
- Blue (100%)



- Red (51%)
- Yellow (70%)
- Blue (100%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7946, -16.6681, -26.0141 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 76.7946, -16.6681, -26.0141 by changing the saturation by 10% instead.

■ 76.7946, -16.6681,
-26.0141

■ 76.7946, -16.6681,
-26.0141

205.1375,
-28.6764, -27.5441

■ 65.2641, -15.3435,
-25.5798

■ 101.6578,
-19.3073, -26.7094

■ 54.3753, -14.0079,
-25.0938

■ 114.9333,
-20.6275, -26.9762

■ 44.1700, -12.6543,
-24.5602

■ 128.7410,
-21.9515, -27.1906

■ 34.6977, -11.2718,
-23.9946

143.0613,
-23.2810, -27.3545

■ 26.0201, -9.8430,
-23.4350

157.8764,
-24.6173, -27.4700

■ 18.2180, -8.3393,
-22.9762

173.1703,

■ 11.4037, -6.7065,

-25.9614, -27.5389

-22.8919

188.9284,
-27.3142, -27.5630

■ 3.7622, -6.5838,
-40.5381

0.0000, NaN, -NF

■ 76.7946, -16.6681,
-26.0141

■ 76.7946, -16.6681,
-26.0141

■ 72.7928, -16.7238,
-32.4966

■ 81.0539, -15.7623,
-19.5354

■ 69.0585, -15.8649,
-38.9495

■ 85.5503, -14.0784,
-13.0980

■ 65.6033, -14.0522,
-45.3247

■ 90.2686, -11.6932,
-6.7217

■ 62.4295, -11.2865,
-51.5789

■ 95.1927, -8.6809,
-0.4204

■ 59.5124, -7.6789,
-57.7173

100.0000, -5.3358,
5.4332

■ 59.3443, -7.4540,
-58.0841

Harmonies

Analogous

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



76.7960, -27.2591, -13.5384



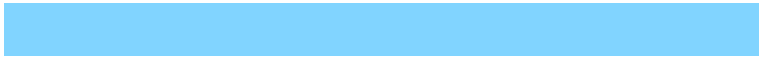
76.7946, -16.6681, -26.0141



76.7960, -1.9128, -29.8582

Triad

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



76.7960, -16.6686, -26.0120



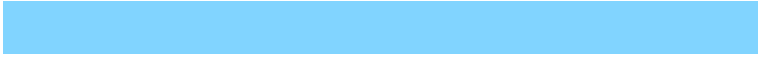
76.7960, 27.9799, 6.2223



76.7960, -20.1575, 24.1488

Complementary

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



76.7946, -16.6681, -26.0141



72.3541, 21.2934, 27.9364

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.



76.7960, -6.2665, 27.4425



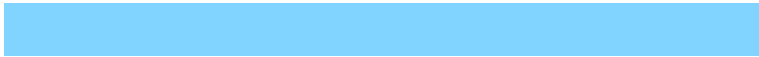
76.7946, -16.6681, -26.0141



76.7960, 22.1730, 18.4789

Square

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



76.7960, -16.6686, -26.0120



76.7960, 24.6464, -9.2365



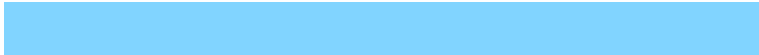
76.7960, 9.3291, 25.5932



76.7960, -29.1583, 15.5423

Rectangle

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



76.7946, -16.6681, -26.0141



76.7960, 8.5081, -26.4822



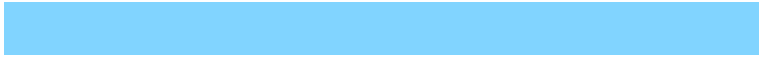
76.7960, 9.3291, 25.5932



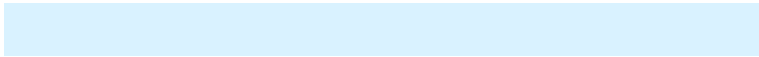
76.7960, -15.9471, 25.8270

Sweetspot

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



76.7960, -16.6686, -26.0120



92.4154, -10.4380, -3.9333



88.9539, -50.9917, 28.2390



42.2785, -5.1136, -2.4356

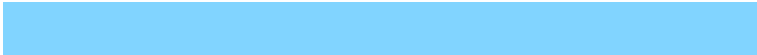
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7960, -16.6686, -26.0120



72.9515, -16.7391, -32.2315



58.0533, 15.2823, -60.5834



44.0184, -4.0307, -0.2220



43.2322, -5.9185, -41.2602



14.2228, -2.9760, -11.3530

Inverse Universe

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



64.5877, 55.4874, -16.4103



59.6782, 66.3631, -18.6061



90.3833, -10.7902, 41.8794



42.6484, 2.8528, 0.2107



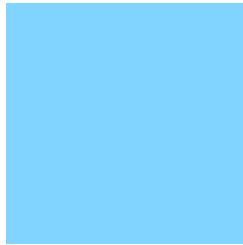
35.5173, 65.0643, -9.9167



11.1748, 20.6327, -4.3724

Previews

White Background



This preview shows how the HunterLab color 76.7946, -16.6681, -26.0141 looks on a white background.

Color Contrast Check

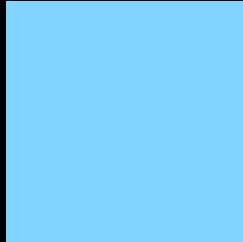
Large Text (above 18pt) WCAG AA × Fail

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 76.7946, -16.6681, -26.0141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

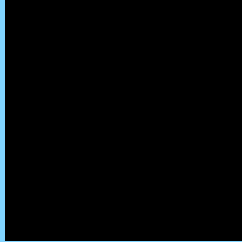
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

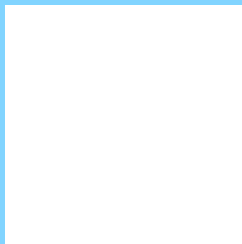
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.7946, -16.6681, -26.0141 Background



This preview shows how black text looks on a background with the HunterLab color 76.7946, -16.6681, -26.0141.



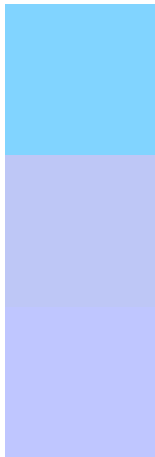
This preview shows how white text looks on a background with the HunterLab color 76.7946, -16.6681, -26.0141.

-16.6681, -26.0141.

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

76.7946, -16.6681, -26.0141

Protanopia

76.4512, 2.3147, -20.4679

Deuteranopia

76.6058, 5.1171, -25.9291



Tritanopia

76.8977, -24.7985, -12.4891

Trichromacy



Original Color

76.7946, -16.6681, -26.0141

Protanomaly

76.3872, -5.5283, -22.5902

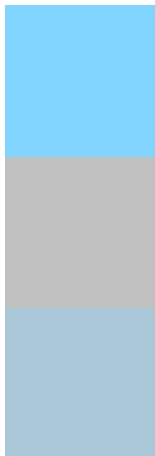
Deuteranomaly

76.3261, -3.6484, -26.5233

Tritanomaly

77.0141, -22.0504, -16.9973

Monochromacy



Original Color

76.7946, -16.6681, -26.0141

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 76.7946, -16.6681, -26.0141 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(129, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 212, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7946, -16.6681, -26.0141 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(129, 212, 255) }
```


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

```
.border{ border-color:rgb(129, 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(129, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(129, 212,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7946, -16.6681, -26.0141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 212, 255) }
```

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

```
.background{ background-color: rgb(129,  
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](#).

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