

Converting Colors

HunterLab(47.6480, 8.4466,
-77.7848)

Have a look what the booklet for
HunterLab(47.6480, 8.4466,
-77.7848) contains.

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Color

**HunterLab(47.7757, 8.2948,
-77.6216)**

Conversions

Conversions Part 1	
Format	Color
Hex	0083F5
RGB	0, 131, 245
RGB Percent	0%, 51%, 96%
CMY	0.9997, 0.4863, 0.0392
CMYK	1.00, 0.47, 0.00, 0.04
HSL	208°, 100%, 48%
HSV	208°, 100%, 96%
XYZ	24.5977, 22.8252, 89.4955
YIQ	104.8270, -114.6700, 7.6820

Conversions

Conversions Part 2

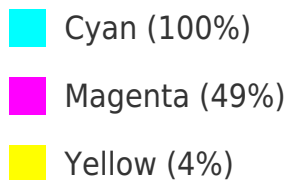
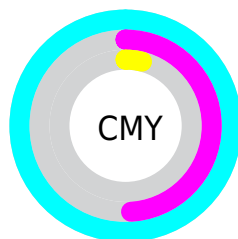
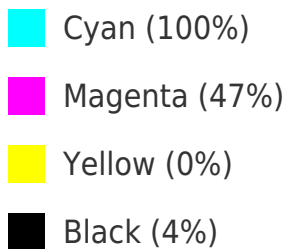
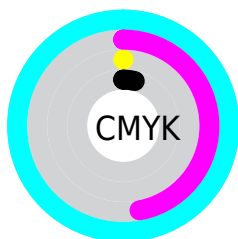
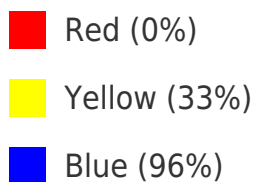
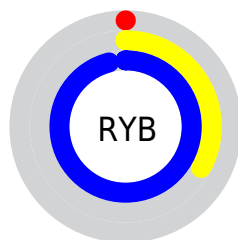
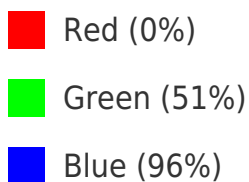
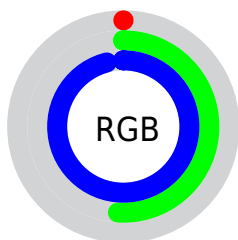
Format	Color
RYB	0, 85, 245
Decimal	33781
CIELab	54.89, 13.07, -65.12
CIELCh	55, 66.416, 281.345
Yxy	22.8258, 0.1797, 0.1667
Android (android.graphics.Color)	4278223861 (0xFF0083F5)
YUV	104.8270, 69.1053, -91.9333
Hunter-Lab	47.7757, 8.2948, -77.6216

Details

The HunterLab color **47.7757, 8.2948, -77.6216** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **56.0919, 40.8472, 35.2766**, and the grayscale version is **37.3052, -1.9905, 2.0269**.

A 20% lighter version of the original color is **66.6348, -5.6722, -43.2189**, and **31.3327, 14.5015, -70.4678** is the 20% darker color. If you saturate the color by 10%, you get **47.7668, 8.3119, -77.6473**, and if you desaturate by 10%, it is **51.2447, 2.9948, -68.3201**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7757, 8.2948, -77.6216 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 47.7757, 8.2948, -77.6216 by changing the saturation by 10% instead.

47.7757, 8.2948,
-77.6216

47.7757, 8.2948,
-77.6216

163.3490, 7.2356,
-84.1679

38.0328, 8.0923,
-77.8112

69.3593, 8.4652,
-78.4477

29.0598, 7.7923,
-78.8483

81.1150, 8.4475,
-79.1532

20.9304, 7.3784,
-81.5241

93.4687, 8.3701,
-79.9472

13.7433, 6.8249,
-87.7893

106.3927, 8.2381,
-80.7868

7.3595, 7.3427,
-108.2870

119.8629, 8.0554,
-81.6443

0.0000, NaN, -NF

0.0000, NaN, -NF

133.8581, 7.8256,

-82.5012

0.0000, NaN, -NF

148.3591, 7.5515,
-83.3452

0.0000, NaN, -NF

■ 47.7757, 8.2948,
-77.6216

■ 47.7757, 8.2948,
-77.6216

■ 47.7668, 8.3119,
-77.6473

■ 51.2447, 2.9948,
-68.3201

■ 55.0408, -1.3801,
-59.1643

■ 59.1757, -4.7218,
-50.1726

■ 63.6278, -7.0673,
-41.4140

■ 68.3707, -8.4945,
-32.9324

■ 73.3774, -9.0978,
-24.7462

■ 78.6228, -8.9734,
-16.8550

■ 84.0837, -8.2119,
-9.2458

■ 89.7398, -6.8947,
-1.8982

Harmonies

Analogous

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



47.7764, -18.3095, -73.7683



47.7757, 8.2948, -77.6216



47.7764, 37.6154, -52.6363

Triad

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



47.7764, 8.2963, -77.6204



47.7764, 43.9539, 25.3183



47.7764, -43.0236, 16.0494

Complementary

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



47.7757, 8.2948, -77.6216



56.0919, 40.8472, 35.2766

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.



47.7764, -32.6930, 27.0422



47.7757, 8.2948, -77.6216



47.7764, 15.5566, 29.9210

Square

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



47.7764, 8.2963, -77.6204



47.7764, 61.0957, 11.4716



47.7764, -12.5108, 30.2972



47.7764, -44.1134, -8.3849

Rectangle

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



47.7757, 8.2948, -77.6216



47.7764, 53.2363, -28.3368



47.7764, -12.5108, 30.2972



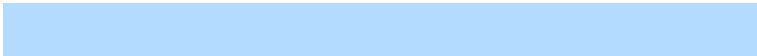
47.7764, -40.6479, 20.9738

Sweetspot

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



47.7764, 8.2963, -77.6204



82.2272, -9.3951, -17.7135



81.5094, -64.9345, 38.2984



36.9561, -4.4109, -9.7927

0.0000, NaN, NaN



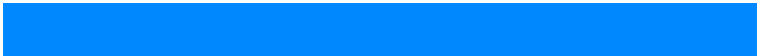
46.2646, -2.4686, 2.5136

Same Dimension

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



47.7764, 8.2963, -77.6204



49.9167, 8.8332, -81.4600



26.1987, 67.3741, -178.1779



41.7059, -3.1586, -0.7168



35.4570, 5.3546, -55.8772



11.4482, -0.0829, -14.1304

Inverse Universe

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



45.8834, 82.1396, 1.9640



48.0068, 85.9343, 2.1744



88.0633, -18.8601, 53.9327



40.7807, 2.4727, 0.8369



33.7172, 60.4425, 0.8521



10.0992, 18.2933, -1.2107

Previews

White Background



This preview shows how the HunterLab color 47.7757, 8.2948, -77.6216 looks on a white background.

Color Contrast Check

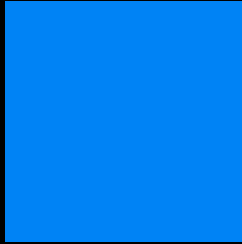
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7757, 8.2948, -77.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

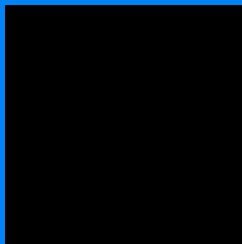
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

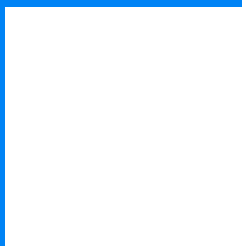
Any Text WCAG AAA × Fail

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

HunterLab 47.7757, 8.2948, -77.6216 Background



This preview shows how black text looks on a background with the HunterLab color 47.7757, 8.2948, -77.6216.



This preview shows how white text looks on a background with the HunterLab color 47.7757, 8.2948, -77.6216.

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

47.7757, 8.2948, -77.6216

Protanopia

47.8616, 13.7278, -73.3577

Deuteranopia

47.6609, 3.6278, -67.4033

Trichromacy



Original Color

47.7757, 8.2948, -77.6216

Protanomaly

47.3603, 10.8649, -75.7910

Deuteranomaly

47.6189, 5.4463, -71.2765

Monochromacy



Original Color

47.7757, 8.2948, -77.6216

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

39.5325, -4.4655, -22.8901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7757, 8.2948, -77.6216 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, 131, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 245)  
}
```

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, 131, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7757, 8.2948, -77.6216 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, 131, 245) }
```

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

```
.border{ border-color:rgb(0, 131, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
245) }
```


Background

The CSS property to change the background color of an element to HunterLab 47.7757, 8.2948, -77.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 245) }
```

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

```
.background{ background-color: rgb(0, 131,  
245) }
```

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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