

Converting Colors

HunterLab(59.7386, 8.2828,
-56.9416)

Have a look what the booklet for
HunterLab(59.7386, 8.2828,
-56.9416) contains.

HunterLab(59.8316, 8.0193, -56.7430)	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(59.8316, 8.0193,
-56.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	759FFF
RGB	117, 159, 255
RGB Percent	46%, 62%, 100%
CMY	0.5411, 0.3765, 0.0000
CMYK	0.54, 0.38, 0.00, 0.00
HSL	222°, 100%, 73%
HSV	222°, 54%, 100%
XYZ	37.7843, 35.7982, 99.5260
YIQ	157.3860, -55.8480, 20.9520

Conversions

Conversions Part 2

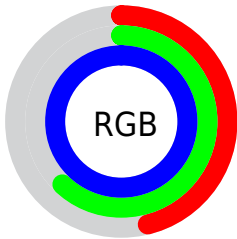
Format	Color
RYB	117, 149, 255
Decimal	7708671
CIELab	66.37, 12.62, -52.09
CIElCh	66, 53.595, 283.620
Yxy	35.7994, 0.2183, 0.2068
Android (android.graphics.Color)	4285898751 (0xFF759FFF)
YUV	157.3860, 48.1237, -35.4185
Hunter-Lab	59.8316, 8.0193, -56.7430

Details

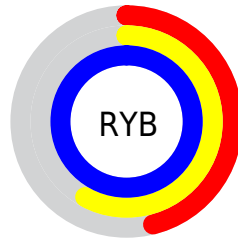
The HunterLab color $59.8316, 8.0193, -56.7430$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $83.7469, -1.0944, 39.6690$, and the grayscale version is $58.0508, -3.0974, 3.1540$.

A 20% lighter version of the original color is $80.0241, -6.7680, -20.9030$, and $39.4112, 7.8986, -55.9507$ is the 20% darker color. If you saturate the color by 10%, you get $53.4764, 13.1568, -71.7106$, and if you desaturate by 10%, it is $66.6018, 3.9541, -43.1123$.

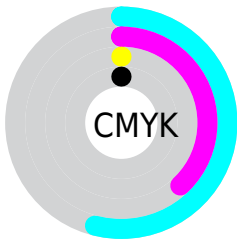
Distribution



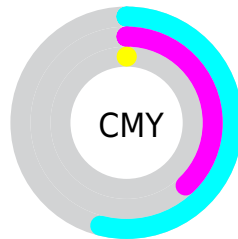
- Red (46%)
- Green (62%)
- Blue (100%)



- Red (46%)
- Yellow (58%)
- Blue (100%)



- Cyan (54%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8316, 8.0193, -56.7430 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 59.8316, 8.0193, -56.7430 by changing the saturation by 10% instead.

■ 59.8316, 8.0193,
-56.7430

■ 59.8316, 8.0193,
-56.7430

181.1306, 6.2539,
-63.0310

■ 49.2740, 7.9317,
-56.1027

■ 82.8989, 7.9896,
-58.2294

■ 39.4220, 7.7638,
-55.6464

■ 95.3383, 7.8848,
-58.9965

■ 30.3313, 7.5036,
-55.5496

■ 108.3443, 7.7267,
-59.7499

■ 22.0721, 7.1342,
-56.1842

121.8932, 7.5191,
-60.4780

■ 14.7385, 6.6315,
-58.4472

135.9640, 7.2655,
-61.1737

■ 8.3952, 6.2612,
-65.7260

150.5382, 6.9685,

0.0000, NaN, -NF

-61.8327

0.0000, NaN, -NF

165.5987, 6.6306,
-62.4522

0.0000, NaN, -NF

■ 59.8316, 8.0193,
-56.7430

■ 59.8316, 8.0193,
-56.7430

■ 53.4764, 13.1568,
-71.7106

■ 66.6018, 3.9541,
-43.1123

■ 47.6177, 19.5502,
-88.1143

■ 73.7182, 0.7768,
-30.6526

■ 42.3613, 27.3207,
-105.8344

■ 81.1306, -1.6734,
-19.1761

■ 37.8262, 36.3960,
-124.3456

■ 88.7991, -3.5286,
-8.5126

■ 35.5143, 42.1240,
-135.3234

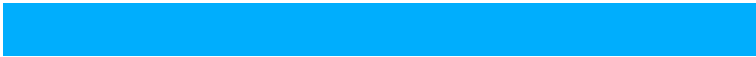
■ 96.6925, -4.8950,
1.4841

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



59.8326, -15.6160, -55.7261



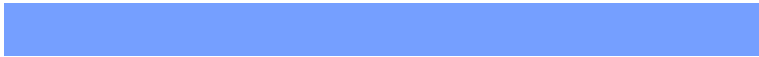
59.8316, 8.0193, -56.7430



59.8326, 31.9371, -37.8395

Triad

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



59.8326, 8.0195, -56.7409



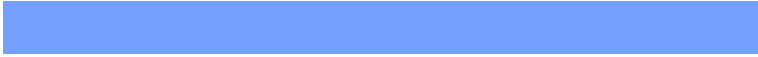
59.8326, 33.8546, 26.2534



59.8326, -41.2226, 14.3235

Complementary

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



59.8316, 8.0193, -56.7430



83.7469, -1.0944, 39.6690

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.



59.8326, -31.7226, 27.0540



59.8316, 8.0193, -56.7430



59.8326, 10.3284, 31.8558

Square

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



59.8326, 8.0195, -56.7409



59.8326, 48.3595, 12.6670



59.8326, -13.6412, 32.0759



59.8326, -41.6407, -7.9838

Rectangle

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



59.8316, 8.0193, -56.7430



59.8326, 43.8105, -19.6147



59.8326, -13.6412, 32.0759



59.8326, -39.0621, 19.6117

Sweetspot

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



59.8326, 8.0195, -56.7409



87.3355, -3.2191, -10.4676



89.4543, -47.0101, 13.3197



39.6703, -1.3235, -5.8435

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.8326, 8.0195, -56.7409



52.9364, 13.6695, -73.1043



50.7169, 36.6112, -78.7077



42.7540, -1.9495, -1.7713



26.1136, 29.1829, -95.6373



9.2019, 6.3601, -25.2314

Inverse Universe

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



60.4048, 53.4520, 5.9605



55.0734, 64.2005, 8.4772



94.6457, -30.7662, 47.2376



42.5183, 2.1550, 2.0622



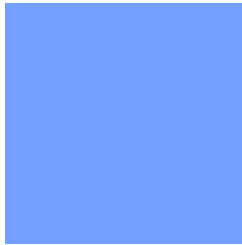
33.7881, 58.7734, 14.7771



10.6303, 18.6599, 3.3398

Previews

White Background



This preview shows how the HunterLab color 59.8316, 8.0193, -56.7430 looks on a white background.

Color Contrast Check

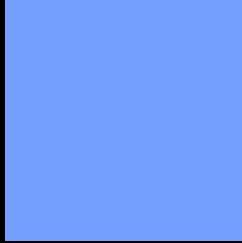
Large Text (above 18pt) WCAG AA × Fail

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 59.8316, 8.0193, -56.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

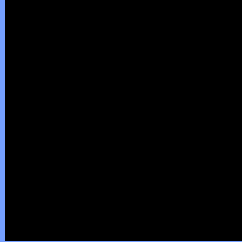
Any Text WCAG AA ✓ Pass

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 59.8316, 8.0193, -56.7430 Background



This preview shows how black text looks on a background with the HunterLab color 59.8316, 8.0193, -56.7430.



This preview shows how white text looks on a background with the HunterLab color 59.8316, 8.0193, -56.7430.

-56.7430.

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

59.8316, 8.0193, -56.7430

Protanopia

59.9745, 9.8500, -55.5672

Deuteranopia

59.9148, 5.3185, -56.6087



Tritanopia

59.8349, -19.9062, -10.0641

Trichromacy



Original Color

59.8316, 8.0193, -56.7430

Protanomaly

59.7888, 9.2436, -55.9802

Deuteranomaly

59.7839, 6.3777, -56.8760

Tritanomaly

59.6519, -10.5331, -25.3366

Monochromacy



Original Color

59.8316, 8.0193, -56.7430

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.3565, -1.1599, -15.3205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8316, 8.0193, -56.7430 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(117, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 159, 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(117, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 159, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8316, 8.0193, -56.7430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

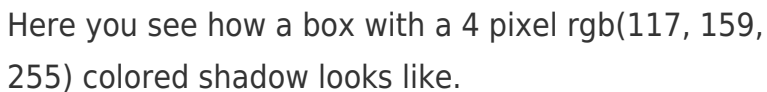
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 159, 255) }
```


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

```
.border{ border-color:rgb(117, 159, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 159, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 159, 255); box-shadow:4px 4px 4px 4px rgb(117, 159, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8316, 8.0193, -56.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 159, 255) }
```

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

```
.background{ background-color: rgb(117,  
159, 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