

Converting Colors

HunterLab(58.9724, 1.9063,
-58.7454)

Have a look what the booklet for
HunterLab(58.9724, 1.9063,
-58.7454) contains.

HunterLab(58.9372, 2.0306, -58.8216)	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(58.9372, 2.0306,
-58.8216)**

Conversions

Conversions Part 1

Format	Color
Hex	57A1FF
RGB	87, 161, 255
RGB Percent	34%, 63%, 100%
CMY	0.6588, 0.3686, 0.0000
CMYK	0.66, 0.37, 0.00, 0.00
HSL	214°, 100%, 67%
HSV	214°, 66%, 100%
XYZ	34.7253, 34.7359, 99.4821
YIQ	149.5900, -74.2780, 13.5460

Conversions

Conversions Part 2

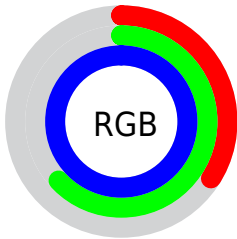
Format	Color
R _Y B	87, 138, 255
Decimal	5743103
CIE Lab	65.54, 5.97, -53.48
CIE LCh	66, 53.810, 276.366
Yxy	34.7370, 0.2055, 0.2056
Android (android.graphics.Color)	4283933183 (0xFF57A1FF)
YUV	149.5900, 51.9671, -54.8914
Hunter-Lab	58.9372, 2.0306, -58.8216

Details

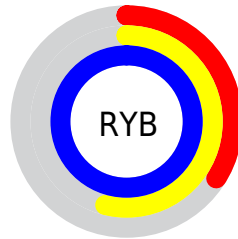
The HunterLab color **58.9372, 2.0306, -58.8216** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **74.1615, 13.3952, 38.7221**, and the grayscale version is **54.8799, -2.9283, 2.9817**.

A 20% lighter version of the original color is **78.9938, -13.7020, -22.5736**, and **39.0245, 3.8354, -57.0566** is the 20% darker color. If you saturate the color by 10%, you get **53.8636, 6.4762, -70.8349**, and if you desaturate by 10%, it is **64.3921, -1.3049, -47.4562**.

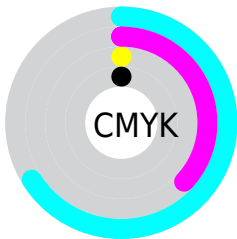
Distribution



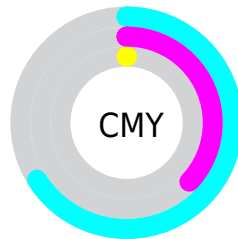
- Red (34%)
- Green (63%)
- Blue (100%)



- Red (34%)
- Yellow (54%)
- Blue (100%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9372, 2.0306, -58.8216 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 58.9372, 2.0306, -58.8216 by changing the saturation by 10% instead.

■ 58.9372, 2.0306,
-58.8216

■ 58.9372, 2.0306,
-58.8216

■ 179.8349, -2.1597,
-65.2588

■ 48.4359, 2.2755,
-58.2125

■ 81.9013, 1.3858,
-60.2999

■ 38.6443, 2.4600,
-57.8205

■ 94.2929, 0.9935,
-61.0781

■ 29.6192, 2.5762,
-57.8470

■ 107.2532, 0.5594,
-61.8486

■ 21.4322, 2.6123,
-58.7209

■ 120.7582, 0.0860,
-62.5979

■ 14.1800, 2.5507,
-61.4901

■ 134.7868, -0.4244,
-63.3179

■ 7.8338, 2.9003,
-71.1776

149.3202, -0.9699,

0.0000, NaN, -NF

-64.0033

0.0000, NaN, -NF

164.3414, -1.5489,
-64.6509

0.0000, NaN, -NF

■ 58.9372, 2.0306,
-58.8216

■ 58.9372, 2.0306,
-58.8216

■ 53.8636, 6.4762,
-70.8349

■ 64.3921, -1.3049,
-47.4562

■ 49.2180, 12.1248,
-83.4281

■ 70.1794, -3.6606,
-36.7479

■ 45.0456, 18.9813,
-96.4357

■ 76.2591, -5.1690,
-26.6558

■ 43.4490, 22.0659,
-101.9413

■ 82.5966, -5.9531,
-17.1205

■ 89.1627, -6.1201,
-8.0762

■ 95.9331, -5.7611,
0.5418

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.



58.9381, -20.4524, -52.4891



58.9372, 2.0306, -58.8216



58.9381, 26.6299, -43.9273

Triad

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



58.9381, 2.0311, -58.8196



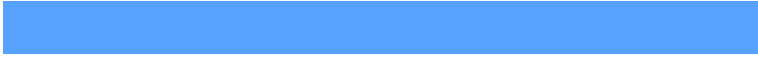
58.9381, 38.5799, 23.6784



58.9381, -39.5964, 18.1725

Complementary

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



58.9372, 2.0306, -58.8216



74.1615, 13.3952, 38.7221

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.



58.9381, -27.9819, 28.6592



58.9372, 2.0306, -58.8216



58.9381, 16.4165, 30.8382

Square

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



58.9381, 2.0311, -58.8196



58.9381, 49.7912, 7.8495



58.9381, -8.1541, 32.2052



58.9381, -42.1980, -1.8443

Rectangle

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



58.9372, 2.0306, -58.8216



58.9381, 40.1704, -26.4823



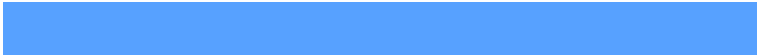
58.9381, -8.1541, 32.2052



58.9381, -36.7184, 22.6389

Sweetspot

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



58.9381, 2.0311, -58.8196



86.4305, -6.1198, -11.7485



87.6457, -55.8896, 24.0331



39.1342, -2.8061, -6.6144

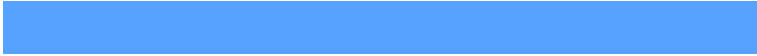
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.9381, 2.0311, -58.8196



52.3652, 8.1075, -74.7096



40.6114, 44.1795, -112.3233



43.2370, -2.7513, -1.1741



31.8592, 14.9549, -72.1046



10.9617, 2.5634, -19.2349

Inverse Universe

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



55.3636, 67.8099, -0.8085



50.8115, 77.7425, 2.6809



95.8696, -26.8300, 53.0270



42.5676, 2.4196, 1.3600



34.2821, 60.5871, 7.5949



10.7974, 19.2709, 0.9309

Previews

White Background



This preview shows how the HunterLab color 58.9372, 2.0306, -58.8216 looks on a white background.

Color Contrast Check

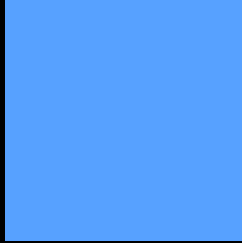
Large Text (above 18pt) WCAG AA × Fail

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 58.9372, 2.0306, -58.8216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

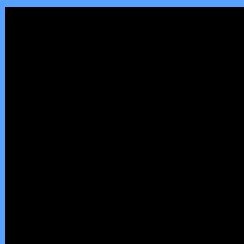
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

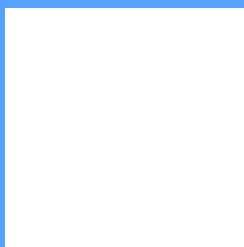
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.9372, 2.0306, -58.8216 Background



This preview shows how black text looks on a background with the HunterLab color 58.9372, 2.0306, -58.8216.



This preview shows how white text looks on a background with the HunterLab color 58.9372, 2.0306,

-58.8216.

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

58.9372, 2.0306, -58.8216

Protanopia

58.7842, 9.9199, -54.8246

Deuteranopia

58.9771, 5.1876, -58.6775



Tritanopia

59.0888, -25.9442, -12.3519

Trichromacy



Original Color

58.9372, 2.0306, -58.8216

Protanomaly

58.7003, 6.9225, -56.7287

Deuteranomaly

59.0325, 3.8691, -58.5770

Tritanomaly

58.7755, -16.8821, -27.5801

Monochromacy



Original Color

58.9372, 2.0306, -58.8216

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.9053, -4.0107, -16.0790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9372, 2.0306, -58.8216 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(87, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 161, 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(87, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 161, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9372, 2.0306, -58.8216 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(87, 161, 255) }
```


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

```
.border{ border-color:rgb(87, 161, 255) }
```

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

Here you see how a box with a 4 pixel rgb(87, 161, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 161,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9372, 2.0306, -58.8216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 161, 255) }
```

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

```
.background{ background-color: rgb(87, 161,  
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