

Converting Colors

HunterLab(59.0445, -3.9131,
-58.6866)

Have a look what the booklet for
HunterLab(59.0445, -3.9131,
-58.6866) contains.

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Color

**HunterLab(59.0204, -3.8733,
-58.7396)**

Conversions

Conversions Part 1

Format	Color
Hex	33A5FF
RGB	51, 165, 255
RGB Percent	20%, 65%, 100%
CMY	0.7999, 0.3529, 0.0000
CMYK	0.80, 0.35, 0.00, 0.00
HSL	206°, 100%, 60%
HSV	206°, 80%, 100%
XYZ	32.8704, 34.8341, 99.5989
YIQ	141.1740, -96.8340, 3.8220

Conversions

Conversions Part 2

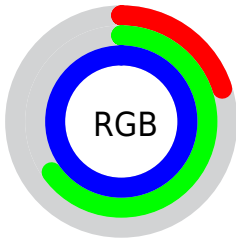
Format	Color
R _Y B	51, 124, 255
Decimal	3384831
CIE Lab	65.62, -0.85, -53.42
CIE LCh	66, 53.428, 269.093
Yxy	34.8351, 0.1965, 0.2082
Android (android.graphics.Color)	4281574911 (0xFF33A5FF)
YUV	141.1740, 56.1162, -79.0826
Hunter-Lab	59.0204, -3.8733, -58.7396

Details

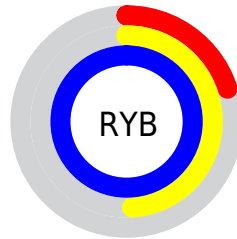
The HunterLab color **59.0204, -3.8733, -58.7396** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **63.6819, 32.5332, 36.8921**, and the grayscale version is **51.4924, -2.7475, 2.7977**.

A 20% lighter version of the original color is **79.3698, -20.7245, -22.1285**, and **40.1396, 1.8430, -54.1494** is the 20% darker color. If you saturate the color by 10%, you get **55.1927, 0.3663, -67.6152**, and if you desaturate by 10%, it is **63.1883, -7.0564, -49.9583**.

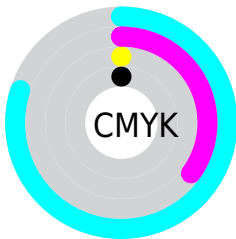
Distribution



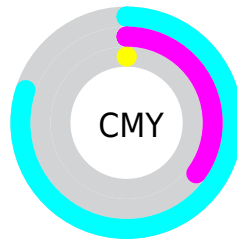
- Red (20%)
- Green (65%)
- Blue (100%)



- Red (20%)
- Yellow (49%)
- Blue (100%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.0204, -3.8733, -58.7396 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 59.0204, -3.8733, -58.7396 by changing the saturation by 10% instead.

■ 59.0204, -3.8733,
-58.7396

■ 59.0204, -3.8733,
-58.7396

179.9556,
-10.6574, -65.1707

■ 48.5138, -3.2656,
-58.1284

■ 81.9941, -5.1834,
-60.2188

■ 38.7166, -2.6932,
-57.7323

■ 94.3901, -5.8843,
-60.9966

■ 29.6853, -2.1575,
-57.7511

■ 107.3547, -6.6138,
-61.7664

■ 21.4916, -1.6610,
-58.6094

■ 120.8638, -7.3709,
-62.5148

■ 14.2317, -1.2067,
-61.3444

134.8964, -8.1547,
-63.2337

■ 7.8878, -0.8884,
-70.8062

149.4336, -8.9642,

0.0000, NaN, -NF

-63.9179

0.0000, NaN, -NF

164.4584, -9.7986,
-64.5641

0.0000, NaN, -NF

■ 59.0204, -3.8733,
-58.7396

■ 59.0204, -3.8733,
-58.7396

■ 55.1927, 0.3663,
-67.6152

■ 63.1883, -7.0564,
-49.9583

■ 51.6868, 5.5476,
-76.5784

■ 67.6760, -9.2144,
-41.3442

■ 51.6843, 5.5515,
-76.5851

■ 72.4608, -10.4189,
-32.9438

■ 77.5175, -10.7613,
-24.7840

■ 82.8218, -10.3368,
-16.8739

■ 88.3509, -9.2369,
-9.2091

■ 94.0845, -7.5447,
-1.7774

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.



59.0213, -24.8052, -47.4703



59.0204, -3.8733, -58.7396



59.0213, 20.7086, -48.6830

Triad

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



59.0213, -3.8726, -58.7376



59.0213, 42.2374, 20.6586



59.0213, -37.4169, 21.4395

Complementary

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



59.0204, -3.8733, -58.7396



63.6819, 32.5332, 36.8921

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.



59.0213, -23.7373, 29.9455



59.0204, -3.8733, -58.7396



59.0213, 22.1562, 29.6360

Square

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



59.0213, -3.8726, -58.7376



59.0213, 49.7406, 2.5217



59.0213, -2.4287, 32.2173



59.0213, -42.1921, 3.8954

Rectangle

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



59.0204, -3.8733, -58.7396



59.0213, 35.4361, -32.8568



59.0213, -2.4287, 32.2173



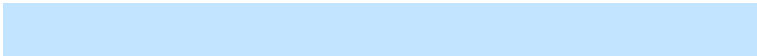
59.0213, -33.8259, 25.1515

Sweetspot

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



59.0213, -3.8726, -58.7376



86.1096, -9.7532, -12.2517



86.0816, -63.9316, 34.9915



38.9295, -4.6858, -6.9348

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.0213, -3.8726, -58.7376



53.0573, 3.4024, -72.9681



34.1483, 51.4991, -142.3190



43.6596, -3.4459, -0.6571



37.7633, 3.2827, -54.2874



12.6743, -0.5216, -14.7157

Inverse Universe

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



51.3283, 81.3308, -8.0677



48.5672, 86.3380, -2.2558



92.0041, -18.5781, 54.3476



42.6111, 2.6531, 0.7405



34.8821, 62.7718, -0.9885



10.9850, 19.9508, -1.7282

Previews

White Background



This preview shows how the HunterLab color 59.0204, -3.8733, -58.7396 looks on a white background.

Color Contrast Check

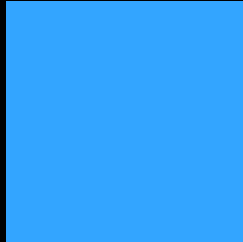
Large Text (above 18pt) WCAG AA × Fail

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 59.0204, -3.8733, -58.7396 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

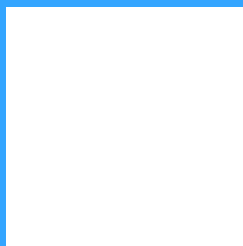
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.0204, -3.8733, -58.7396 Background



This preview shows how black text looks on a background with the HunterLab color 59.0204, -3.8733, -58.7396.



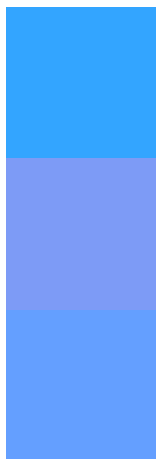
This preview shows how white text looks on a background with the HunterLab color 59.0204, -3.8733, -58.7396.

-58.7396.

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

59.0204, -3.8733, -58.7396

Protanopia

58.6996, 9.2215, -51.7338

Deuteranopia

58.9284, 5.0252, -58.7888



Tritanopia

58.9277, -28.2717, -12.6240

Trichromacy



Original Color

59.0204, -3.8733, -58.7396

Protanomaly

58.5085, 2.9677, -54.7149

Deuteranomaly

58.7397, 1.3599, -59.2750

Tritanomaly

58.6921, -20.5008, -27.7852

Monochromacy



Original Color

59.0204, -3.8733, -58.7396

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

53.2712, -7.6653, -16.5649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0204, -3.8733, -58.7396 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(51, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 165, 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(51, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 165, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0204, -3.8733, -58.7396 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(51, 165, 255) }
```


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

```
.border{ border-color:rgb(51, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 165,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.0204, -3.8733, -58.7396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 165, 255) }
```

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

```
.background{ background-color: rgb(51, 165,  
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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