

Converting Colors

HunterLab(58.1012, 1.9571,
-49.0864)

Have a look what the booklet for
HunterLab(58.1012, 1.9571,
-49.0864) contains.

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Color

**HunterLab(58.0415, 2.0604,
-49.2082)**

Conversions

Conversions Part 1

Format	Color
Hex	679EF1
RGB	103, 158, 241
RGB Percent	40%, 62%, 95%
CMY	0.5961, 0.3804, 0.0549
CMYK	0.57, 0.34, 0.00, 0.05
HSL	216°, 83%, 67%
HSV	216°, 57%, 95%
XYZ	33.6976, 33.6882, 87.9455
YIQ	151.0170, -59.4230, 14.1530

Conversions

Conversions Part 2

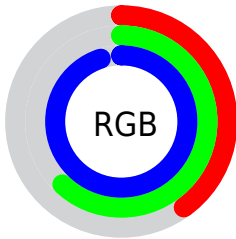
Format	Color
R_{YB}	103, 142, 241
Decimal	6790897
CIE _{Lab}	64.72, 5.97, -47.09
CIE _{LCh}	65, 47.472, 277.230
Yxy	33.6893, 0.2169, 0.2169
Android (android.graphics.Color)	4284980977 (0xFF679EF1)
YUV	151.0170, 44.3616, -42.1109
Hunter-Lab	58.0415, 2.0604, -49.2082

Details

The HunterLab color **58.0415, 2.0604, -49.2082** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **74.0274, 6.1692, 35.4445**, and the grayscale version is **55.4817, -2.9604, 3.0144**.

A 20% lighter version of the original color is **78.7994, -9.4647, -22.7943**, and **37.8146, 2.4432, -47.7569** is the 20% darker color. If you saturate the color by 10%, you get **52.7319, 5.8607, -60.9737**, and if you desaturate by 10%, it is **63.6914, -0.7777, -38.2361**.

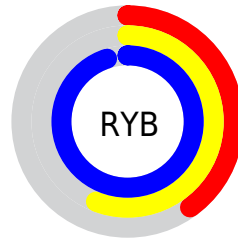
Distribution



Red (40%)

Green (62%)

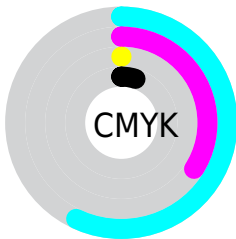
Blue (95%)



Red (40%)

Yellow (56%)

Blue (95%)

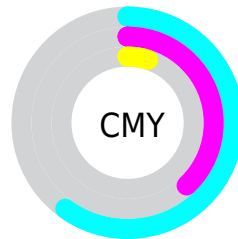


Cyan (57%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0415, 2.0604, -49.2082 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 58.0415, 2.0604, -49.2082 by changing the saturation by 10% instead.

■ 58.0415, 2.0604,
-49.2082

■ 58.0415, 2.0604,
-49.2082

■ 178.5342, -2.0975,
-54.9291

■ 47.5973, 2.3001,
-48.5398

■ 80.9013, 1.4244,
-50.6558

■ 37.8669, 2.4788,
-48.0005

■ 93.2447, 1.0362,
-51.3729

■ 28.9082, 2.5883,
-47.7363

■ 106.1588, 0.6057,
-52.0634

■ 20.7945, 2.6166,
-48.0647

■ 119.6196, 0.1359,
-52.7193

■ 13.6252, 2.5452,
-49.7794

■ 133.6056, -0.3713,
-53.3358

■ 7.2250, 3.2175,
-58.3683

148.0978, -0.9136,

0.0000, NaN, -NF

-53.9103

0.0000, NaN, -NF

163.0792, -1.4895,
-54.4415

0.0000, NaN, -NF

■ 58.0415, 2.0604,
-49.2082

■ 58.0415, 2.0604,
-49.2082

■ 52.7319, 5.8607,
-60.9737

■ 63.6914, -0.7777,
-38.2361

■ 47.8134, 10.7560,
-73.5444

■ 69.6331, -2.7938,
-27.9999

■ 43.3463, 16.8371,
-86.8253

■ 75.8299, -4.1149,
-18.4140

■ 39.3850, 24.0726,
-100.5883

■ 82.2510, -4.8510,
-9.3906

■ 38.3734, 26.1795,
-104.4774

■ 88.8709, -5.0936,
-0.8472

■ 95.6688, -4.9185,
7.2897

■ 99.5645, -7.7268,
11.6591

Harmonies

Analogous

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



58.0425, -17.8918, -44.4851



58.0415, 2.0604, -49.2082



58.0425, 23.3569, -36.4150

Triad

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



58.0425, 2.0608, -49.2068



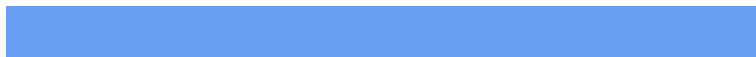
58.0425, 32.6082, 21.9006



58.0425, -35.7883, 16.1272

Complementary

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



58.0415, 2.0604, -49.2082



74.0274, 6.1692, 35.4445

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.



58.0425, -25.5304, 26.1490



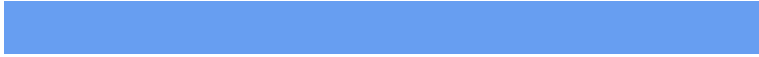
58.0415, 2.0604, -49.2082



58.0425, 13.3394, 28.5616

Square

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



58.0425, 2.0608, -49.2068



58.0425, 42.5466, 7.7812



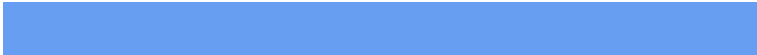
58.0425, -8.0868, 29.7790



58.0425, -37.9206, -1.8768

Rectangle

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



58.0415, 2.0604, -49.2082



58.0425, 34.8321, -21.6638



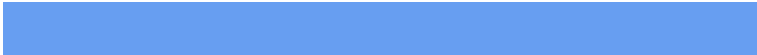
58.0425, -8.0868, 29.7790



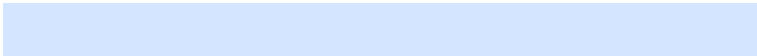
58.0425, -33.2547, 20.3183

Sweetspot

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



58.0425, 2.0608, -49.2068



87.8425, -5.1826, -9.8189



83.2658, -47.3349, 17.4791



39.9930, -2.3465, -5.4183

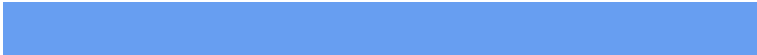
0.0000, NaN, NaN



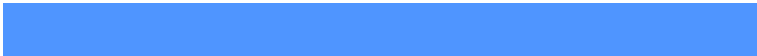
46.2646, -2.4686, 2.5136

Same Dimension

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



58.0425, 2.0608, -49.2068



55.1667, 7.1712, -67.5599



44.5211, 34.5032, -82.7882



40.3268, -2.3435, -1.2468



28.6905, 18.2512, -75.2599



9.3493, 2.9231, -17.9958

Inverse Universe

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



55.5621, 54.7187, 0.6760



53.8838, 69.6090, 3.0558



89.5847, -25.9713, 46.2532



39.8287, 2.1583, 1.4808



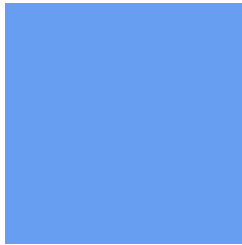
32.5950, 57.3026, 9.5683



9.5024, 16.8974, 1.3014

Previews

White Background



This preview shows how the HunterLab color 58.0415, 2.0604, -49.2082 looks on a white background.

Color Contrast Check

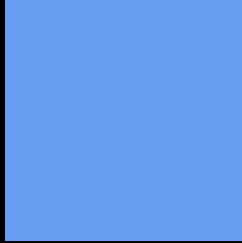
Large Text (above 18pt) WCAG AA × Fail

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 58.0415, 2.0604, -49.2082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

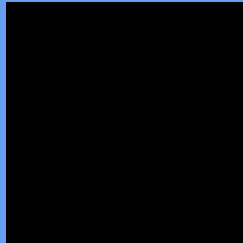
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

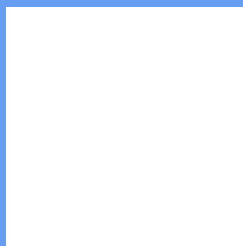
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.0415, 2.0604, -49.2082 Background



This preview shows how black text looks on a background with the HunterLab color 58.0415, 2.0604, -49.2082.



This preview shows how white text looks on a background with the HunterLab color 58.0415, 2.0604, -49.2082.

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

58.0415, 2.0604, -49.2082

Protanopia

57.8004, 8.2636, -46.4245

Deuteranopia

57.9987, 4.9143, -49.2473



Tritanopia

58.2012, -21.4054, -10.1492

Trichromacy



Original Color

58.0415, 2.0604, -49.2082

Protanomaly

57.8509, 5.5975, -47.1556

Deuteranomaly

58.0655, 3.6456, -49.1305

Tritanomaly

58.0575, -13.7925, -22.8061

Monochromacy



Original Color

58.0415, 2.0604, -49.2082

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

56.2496, -3.1130, -13.1922

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0415, 2.0604, -49.2082 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(103, 158, 241)` looks like.

```
.text, #text, p{  
    color:rgb(103, 158, 241)  
}
```

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(103, 158, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 158, 241) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0415, 2.0604, -49.2082 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(103, 158, 241) }
```


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

```
.border{ border-color:rgb(103, 158, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 158, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 158, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 158, 241);  
box-shadow:4px 4px 4px 4px rgb(103, 158,  
241) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0415, 2.0604, -49.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 158, 241) }
```

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

```
.background{ background-color: rgb(103,  
158, 241) }
```

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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