

Converting Colors

HunterLab(58.3970, 4.8599,
-49.2198)

Have a look what the booklet for
HunterLab(58.3970, 4.8599,
-49.2198) contains.

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Color

**HunterLab(58.3970, 4.8599,
-49.2198)**

Conversions

Conversions Part 1

Format	Color
Hex	729DF2
RGB	114, 157, 242
RGB Percent	45%, 62%, 95%
CMY	0.5529, 0.3843, 0.0510
CMYK	0.53, 0.35, 0.00, 0.05
HSL	220°, 83%, 70%
HSV	220°, 53%, 95%
XYZ	35.0234, 34.1021, 88.7407
YIQ	153.8330, -52.9130, 17.3190

Conversions

Conversions Part 2

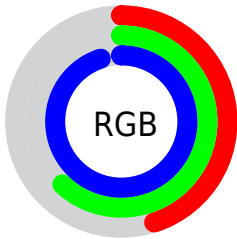
Format	Color
RYB	114, 146, 242
Decimal	7511538
CIELab	65.04, 9.14, -47.09
CIElCh	65, 47.965, 280.981
Yxy	34.1033, 0.2219, 0.2160
Android (android.graphics.Color)	4285701618 (0xFF729DF2)
YUV	153.8330, 43.4663, -34.9335
Hunter-Lab	58.3970, 4.8599, -49.2198

Details

The HunterLab color $58.3970, 4.8599, -49.2198$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $78.0650, 0.7632, 36.0244$, and the grayscale version is $56.6237, -3.0213, 3.0765$.

A 20% lighter version of the original color is $79.1070, -6.7572, -22.2806$, and $38.0981, 4.9016, -47.8683$ is the 20% darker color. If you saturate the color by 10%, you get $52.5398, 9.0930, -62.2638$, and if you desaturate by 10%, it is $64.6118, 1.5797, -37.2447$.

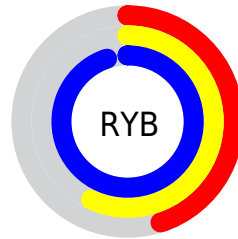
Distribution



Red (45%)

Green (62%)

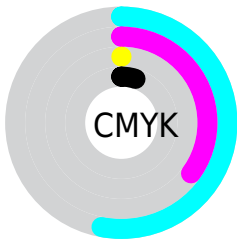
Blue (95%)



Red (45%)

Yellow (57%)

Blue (95%)

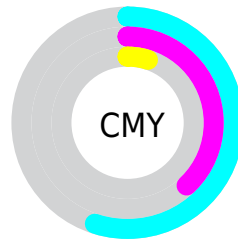


Cyan (53%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3970, 4.8599, -49.2198 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 58.3970, 4.8599, -49.2198 by changing the saturation by 10% instead.

■ 58.3970, 4.8599,
-49.2198

■ 58.3970, 4.8599,
-49.2198

179.0509, 1.8712,
-54.9317

■ 47.9301, 4.9381,
-48.5487

■ 81.2984, 4.5217,
-50.6680

■ 38.1753, 4.9451,
-48.0032

■ 93.6609, 4.2723,
-51.3843

■ 29.1901, 4.8704,
-47.7259

■ 106.5934, 3.9750,
-52.0737

■ 21.0472, 4.6990,
-48.0256

120.0718, 3.6332,
-52.7282

■ 13.8449, 4.4081,
-49.6696

134.0748, 3.2497,
-53.3432

■ 7.4730, 4.9285,
-57.3415

148.5834, 2.8268,

0.0000, NaN, -NF

-53.9161

0.0000, NaN, -NF

163.5806, 2.3667,
-54.4458

0.0000, NaN, -NF

■ 58.3970, 4.8599,
-49.2198

■ 58.3970, 4.8599,
-49.2198

■ 52.5398, 9.0930,
-62.2638

■ 64.6118, 1.5797,
-37.2447

■ 47.1035, 14.4421,
-76.4608

■ 71.1279, -0.9066,
-26.2110

■ 42.1700, 21.0359,
-91.7556

■ 77.9046, -2.7363,
-15.9761

■ 37.8304, 28.8813,
-107.8411

■ 84.9086, -4.0231,
-6.4091

■ 35.1274, 35.0318,
-119.5298

■ 92.1134, -4.8592,
2.6039

99.0914, -6.7345,
10.6786

99.5946, -7.5612,
11.2281

Harmonies

Analogous

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



58.3980, -15.8323, -46.7243



58.3970, 4.8599, -49.2198



58.3980, 26.1279, -34.3802

Triad

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



58.3980, 4.8602, -49.2184



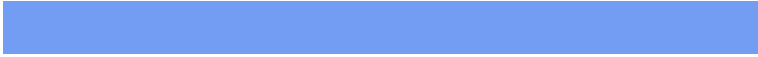
58.3980, 30.9942, 23.3378



58.3980, -36.9109, 14.4677

Complementary

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



58.3970, 4.8599, -49.2198



78.0650, 0.7632, 36.0244

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.



58.3980, -27.5460, 25.5481



58.3970, 4.8599, -49.2198



58.3980, 10.7842, 29.2596

Square

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



58.3980, 4.8602, -49.2184



58.3980, 42.5878, 10.1011



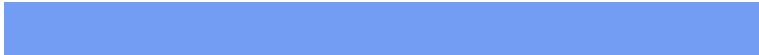
58.3980, -10.6917, 29.8904



58.3980, -38.0255, -4.7107

Rectangle

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



58.3970, 4.8599, -49.2198



58.3980, 37.0253, -18.9638



58.3980, -10.6917, 29.8904



58.3980, -34.6936, 19.0496

Sweetspot

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



58.3980, 4.8602, -49.2184



87.7389, -3.8945, -9.9356



84.3345, -44.3096, 13.9686



39.8803, -1.6757, -5.5609

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3980, 4.8602, -49.2184



55.5852, 9.7951, -66.4906



48.4253, 32.2905, -72.4475



40.1203, -2.0005, -1.5021



26.1800, 24.5134, -85.6401



8.6430, 4.4226, -20.3501

Inverse Universe

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



57.7475, 49.5441, 3.6999



56.1034, 62.9499, 5.9258



89.6528, -27.1573, 44.2389



39.8076, 2.0452, 1.7808



32.3809, 56.5164, 12.6831



9.4347, 16.6499, 2.2768

Previews

White Background



This preview shows how the HunterLab color 58.3970, 4.8599, -49.2198 looks on a white background.

Color Contrast Check

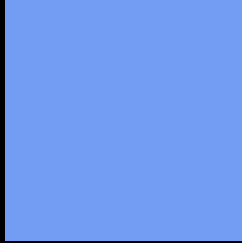
Large Text (above 18pt) WCAG AA × Fail

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 58.3970, 4.8599, -49.2198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

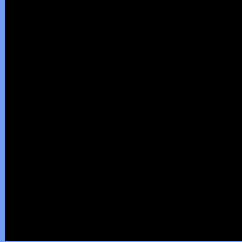
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

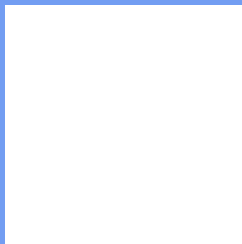
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.3970, 4.8599, -49.2198 Background



This preview shows how black text looks on a background with the HunterLab color 58.3970, 4.8599, -49.2198.



This preview shows how white text looks on a background with the HunterLab color 58.3970, 4.8599, -49.2198.

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

58.3970, 4.8599, -49.2198

Protanopia

58.2362, 8.5414, -47.8955

Deuteranopia

58.3970, 4.8599, -49.2198



Tritanopia

58.4140, -18.9565, -9.8090

Trichromacy



Original Color

58.3970, 4.8599, -49.2198

Protanomaly

58.2504, 7.2280, -48.6841

Deuteranomaly

58.3970, 4.8599, -49.2198

Tritanomaly

58.3409, -11.1620, -22.3021

Monochromacy



Original Color

58.3970, 4.8599, -49.2198

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

56.9884, -1.9053, -13.2478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3970, 4.8599, -49.2198 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(114, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(114, 157, 242)  
}
```

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(114, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 157, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3970, 4.8599, -49.2198 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(114, 157, 242) }
```


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

```
.border{ border-color:rgb(114, 157, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 157, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(114, 157,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3970, 4.8599, -49.2198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 157, 242) }
```

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

```
.background{ background-color: rgb(114,  
157, 242) }
```

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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