

Converting Colors

HunterLab(38.5897, 19.9432,
-59.7729)

Have a look what the booklet for
HunterLab(38.5897, 19.9432,
-59.7729) contains.

HunterLab(38.5917, 19.9598, -59.8218)	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(38.5917, 19.9598,
-59.8218)**

Conversions

Conversions Part 1

Format	Color
Hex	5A61C8
RGB	90, 97, 200
RGB Percent	35%, 38%, 78%
CMY	0.6470, 0.6196, 0.2157
CMYK	0.55, 0.51, 0.00, 0.22
HSL	236°, 50%, 57%
HSV	236°, 55%, 78%
XYZ	18.9165, 14.8932, 56.5213
YIQ	106.6490, -37.2350, 30.5490

Conversions

Conversions Part 2

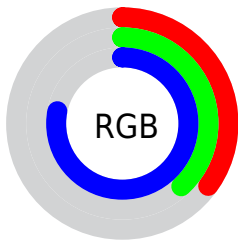
Format	Color
R_{YB}	90, 97, 200
Decimal	5923272
CIE _{Lab}	45.49, 26.89, -54.72
CIE _{LCh}	45, 60.974, 296.171
Yxy	14.8937, 0.2094, 0.1649
Android (android.graphics.Color)	4284113352 (0xFF5A61C8)
YUV	106.6490, 46.0220, -14.6012
Hunter-Lab	38.5917, 19.9598, -59.8218

Details

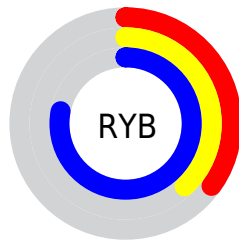
The HunterLab color **38.5917, 19.9598, -59.8218** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **71.5261, -13.5270, 35.8181**, and the grayscale version is **38.0524, -2.0304, 2.0675**.

A 20% lighter version of the original color is **58.9031, 20.7196, -58.5707**, and **21.3809, 17.7169, -60.7994** is the 20% darker color. If you saturate the color by 10%, you get **33.1060, 26.6903, -76.9955**, and if you desaturate by 10%, it is **44.6250, 14.1889, -44.8554**.

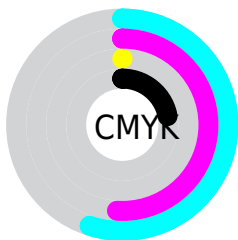
Distribution



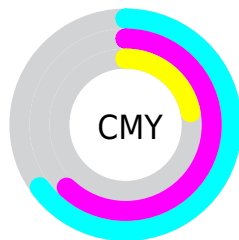
- Red (35%)
- Green (38%)
- Blue (78%)



- Red (35%)
- Yellow (38%)
- Blue (78%)



- Cyan (55%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5917, 19.9598, -59.8218 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 38.5917, 19.9598, -59.8218 by changing the saturation by 10% instead.

■ 38.5917, 19.9598, -59.8218

■ 38.5917, 19.9598, -59.8218

149.2386, 24.6191, -66.0064

■ 29.5716, 18.9582, -59.9287

■ 58.8783, 21.6014, -60.7536

■ 21.3895, 17.8147, -60.9526

■ 70.0423, 22.2663, -61.4615

■ 14.1428, 16.5202, -64.0174

■ 81.8345, 22.8414, -62.2276

■ 7.7947, 16.0844, -74.5583

■ 94.2229, 23.3352, -63.0139

0.0000, INF, -NF

0.0000, NaN, -NF

107.1801, 23.7543, -63.7970

0.0000, NaN, -NF

120.6822, 24.1048,

0.0000, NaN, NaN

-64.5624

0.0000, NaN, NaN

134.7080, 24.3917,
-65.3008

■ 38.5917, 19.9598,
-59.8218

■ 38.5917, 19.9598,
-59.8218

■ 33.1060, 26.6903,
-76.9955

■ 44.6250, 14.1889,
-44.8554

■ 28.3419, 34.3751,
-96.2467

■ 51.0815, 9.2216,
-31.7872

■ 24.5347, 42.5330,
-116.1888

■ 57.8773, 4.8872,
-20.2285

■ 21.9361, 49.8135,
-133.3052

■ 64.9529, 1.0403,
-9.8379

■ 21.0972, 52.4754,
-139.6489

■ 72.2657, -2.4323,
-0.3451

■ 79.7841, -5.6163,
8.4566

■ 87.4840, -8.5762,
16.7235

■ 95.3467, -11.3604,
24.5737

■ 98.4633, -13.8208,
27.5266

Harmonies

Analogous

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



38.5923, -5.0327, -70.1128



38.5917, 19.9598, -59.8218



38.5923, 43.1088, -30.3115

Triad

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



38.5923, 19.9605, -59.8206



38.5923, 26.4559, 23.4664



38.5923, -37.5918, 4.8624

Complementary

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



38.5917, 19.9598, -59.8218



71.5261, -13.5270, 35.8181

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.



38.5923, -32.8832, 19.1875



38.5917, 19.9598, -59.8218



38.5923, 1.0029, 25.0867

Square

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



38.5923, 19.9605, -59.8206



38.5923, 47.4454, 16.6576



38.5923, -20.0383, 24.1931



38.5923, -34.8203, -22.0753

Rectangle

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



38.5917, 19.9598, -59.8218



38.5923, 52.3504, -9.6515



38.5923, -20.0383, 24.1931



38.5923, -36.8684, 11.0278

Sweetspot

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



38.5923, 19.9605, -59.8206



84.3008, 1.9632, -14.5589



68.7882, -30.9585, -1.4733



38.0932, 1.3825, -8.0210

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.5923, 19.9605, -59.8206



42.2565, 36.9985, -106.0581



41.0591, 34.6954, -52.9989



32.2397, -0.4441, -2.0586



16.9613, 41.2645, -110.2783



4.1814, 7.1337, -20.6259

Inverse Universe

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



45.2280, 37.8062, 13.7054



53.7574, 61.3246, 21.6162



69.8248, -31.4106, 34.2613



32.6308, 1.2136, 2.4968



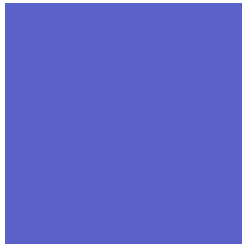
27.9829, 48.0028, 17.4517



6.1210, 10.5637, 3.3251

Previews

White Background



This preview shows how the HunterLab color 38.5917, 19.9598, -59.8218 looks on a white background.

Color Contrast Check

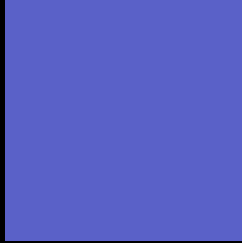
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 38.5917, 19.9598, -59.8218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.5917, 19.9598, -59.8218 Background



This preview shows how black text looks on a background with the HunterLab color 38.5917, 19.9598, -59.8218.



This preview shows how white text looks on a background with the HunterLab color 38.5917, 19.9598, -59.8218.

-59.8218.

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

38.5917, 19.9598, -59.8218

Protanopia

38.7427, 12.2990, -66.2506

Deuteranopia

38.4546, 2.7698, -54.0440



Tritanopia

38.4693, -12.1867, -6.4117

Trichromacy



Original Color

38.5917, 19.9598, -59.8218

Protanomaly

38.3715, 14.7353, -64.3674

Deuteranomaly

37.9631, 7.1148, -58.0459

Tritanomaly

37.9586, -1.6381, -23.0380

Monochromacy



Original Color

38.5917, 19.9598, -59.8218

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

37.9345, 4.3134, -15.9348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5917, 19.9598, -59.8218 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(90, 97, 200)` looks like.

```
.text, #text, p{  
    color:rgb(90, 97, 200)  
}
```

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(90, 97, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 97, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5917, 19.9598, -59.8218 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(90, 97, 200) }
```


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

```
.border{ border-color:rgb(90, 97, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 97, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 97, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 97, 200); box-shadow:4px 4px 4px 4px rgb(90, 97, 200) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5917, 19.9598, -59.8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 97, 200) }
```

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

```
.background{ background-color: rgb(90, 97,  
200) }
```

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