

Converting Colors

HunterLab(60.5895, -4.8128,
-39.8472)

Have a look what the booklet for
HunterLab(60.5895, -4.8128,
-39.8472) contains.

HunterLab(60.6384, -4.9580, -39.5713)	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(60.6384, -4.9580,
-39.5713)**

Conversions

Conversions Part 1

Format	Color
Hex	65A8EB
RGB	101, 168, 235
RGB Percent	40%, 66%, 92%
CMY	0.6039, 0.3412, 0.0784
CMYK	0.57, 0.29, 0.00, 0.08
HSL	210°, 77%, 66%
HSV	210°, 57%, 92%
XYZ	34.3649, 36.7702, 83.8835
YIQ	155.6050, -61.4390, 6.6330

Conversions

Conversions Part 2

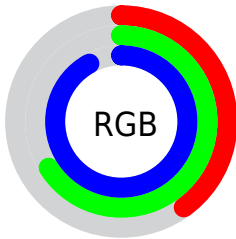
Format	Color
R _Y B	101, 146, 235
Decimal	6662379
CIE Lab	67.11, -2.01, -40.06
CIE LCh	67, 40.111, 267.133
Yxy	36.7715, 0.2217, 0.2372
Android (android.graphics.Color)	4284852459 (0xFF65A8EB)
YUV	155.6050, 39.1417, -47.8886
Hunter-Lab	60.6384, -4.9580, -39.5713

Details

The HunterLab color **60.6384, -4.9580, -39.5713** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68.2710, 12.8606, 31.5996**, and the grayscale version is **57.3631, -3.0608, 3.1166**.

A 20% lighter version of the original color is **82.1395, -15.6708, -17.9502**, and **40.0459, -3.4552, -38.5266** is the 20% darker color. If you saturate the color by 10%, you get **56.0881, -2.5905, -48.5691**, and if you desaturate by 10%, it is **65.4705, -6.4641, -30.9488**.

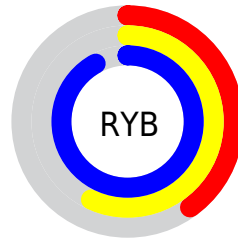
Distribution



Red (40%)

Green (66%)

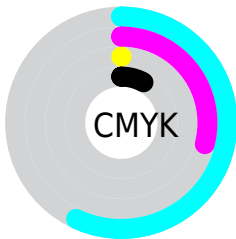
Blue (92%)



Red (40%)

Yellow (57%)

Blue (92%)

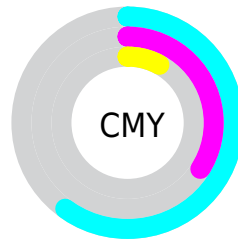


Cyan (57%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (60%)

Magenta (34%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.6384, -4.9580, -39.5713 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 60.6384, -4.9580, -39.5713 by changing the saturation by 10% instead.

■ 60.6384, -4.9580,
-39.5713

■ 60.6384, -4.9580,
-39.5713

182.2965,
-12.2248, -44.1115

■ 50.0306, -4.2832,
-38.8978

■ 83.7981, -6.3925,
-40.8728

■ 40.1246, -3.6384,
-38.2564

■ 96.2802, -7.1508,
-41.4729

■ 30.9755, -3.0242,
-37.7207

■ 109.3271, -7.9352,
-42.0296

■ 22.6521, -2.4414,
-37.4518

■ 122.9152, -8.7451,
-42.5400

■ 15.2461, -1.8901,
-37.8421

137.0239, -9.5796,
-43.0033

■ 8.8690, -1.4594,
-40.1976

151.6345,

0.0000, NaN, -NF

-10.4381, -43.4192

0.0000, NaN, -NF

166.7304,
-11.3201, -43.7883

0.0000, NaN, -NF

■ 60.6384, -4.9580,
-39.5713

■ 60.6384, -4.9580,
-39.5713

■ 56.0881, -2.5905,
-48.5691

■ 65.4705, -6.4641,
-30.9488

■ 51.8474, 0.7306,
-57.9198

■ 70.5522, -7.2104,
-22.7038

■ 47.9468, 5.0675,
-67.5593

■ 75.8583, -7.2942,
-14.8155

■ 44.4055, 10.4070,
-77.3992

■ 81.3658, -6.8040,
-7.2550

■ 43.4018, 12.1211,
-80.4145

■ 87.0549, -5.8168,
0.0107

■ 92.9085, -4.3992,
7.0150

■ 97.8712, -6.2179,
12.5845

■ 99.3872, -8.7032,
14.2015

Harmonies

Analogous

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



60.6395, -20.8776, -31.3146



60.6384, -4.9580, -39.5713



60.6395, 13.3412, -33.8517

Triad

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



60.6395, -4.9578, -39.5700



60.6395, 30.6848, 16.4614



60.6395, -29.6224, 18.5691

Complementary

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



60.6384, -4.9580, -39.5713



68.2710, 12.8606, 31.5996

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.



60.6395, -18.2090, 25.8751



60.6384, -4.9580, -39.5713



60.6395, 16.6795, 24.9306

Square

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



60.6395, -4.9578, -39.5700



60.6395, 35.2822, 1.6332



60.6395, -1.5005, 27.8110



60.6395, -34.0394, 4.9223

Rectangle

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



60.6384, -4.9580, -39.5713



60.6395, 24.2272, -23.5945



60.6395, -1.5005, 27.8110



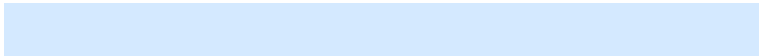
60.6395, -26.5471, 21.6774

Sweetspot

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



60.6395, -4.9578, -39.5700



89.2339, -7.4695, -8.0059



80.6298, -47.8019, 21.6044



40.7119, -3.5271, -4.4658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.6395, -4.9578, -39.5700



60.9191, -2.4350, -54.5822



42.5135, 30.6414, -82.8811



39.7408, -2.8307, -0.8080



32.7706, 8.2658, -58.8039



10.1769, 0.4688, -13.7322

Inverse Universe

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



54.5878, 54.8365, -5.6415



54.8386, 71.0889, -5.1747



88.3286, -20.5528, 45.8024



38.9611, 2.2795, 0.9702



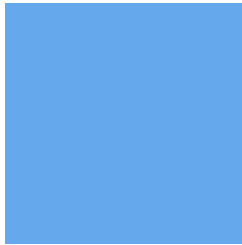
32.5222, 57.9924, 3.2075



9.2194, 16.6355, -0.6086

Previews

White Background



This preview shows how the HunterLab color 60.6384, -4.9580, -39.5713 looks on a white background.

Color Contrast Check

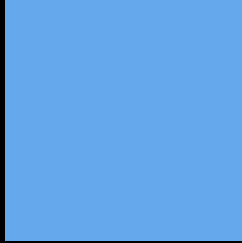
Large Text (above 18pt) WCAG AA × Fail

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 60.6384, -4.9580, -39.5713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

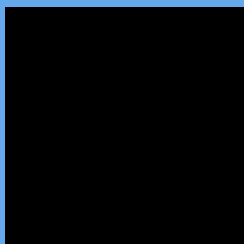
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

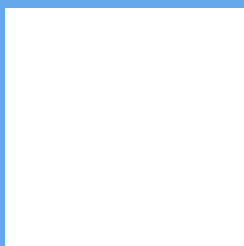
Any Text WCAG AAA ✓ Pass

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

HunterLab 60.6384, -4.9580, -39.5713 Background



This preview shows how black text looks on a background with the HunterLab color 60.6384, -4.9580, -39.5713.



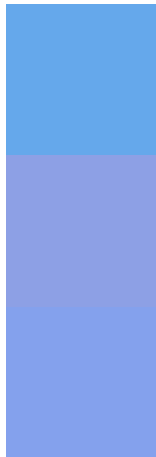
This preview shows how white text looks on a background with the HunterLab color 60.6384, -4.9580, -39.5713.

-39.5713.

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

60.6384, -4.9580, -39.5713

Protanopia

60.3833, 5.7692, -35.4776

Deuteranopia

60.4233, 5.1781, -41.2949



Tritanopia

60.5403, -21.9247, -11.3515

Trichromacy



Original Color

60.6384, -4.9580, -39.5713

Protanomaly

60.3320, 1.2999, -37.0965

Deuteranomaly

60.5574, 1.0258, -40.3629

Tritanomaly

60.4697, -16.0179, -20.8992

Monochromacy



Original Color

60.6384, -4.9580, -39.5713

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

58.2054, -5.3154, -10.9814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.6384, -4.9580, -39.5713 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(101, 168, 235)` looks like.

```
.text, #text, p{  
    color:rgb(101, 168, 235)  
}
```

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(101, 168, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 168, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 60.6384, -4.9580, -39.5713 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(101, 168, 235) }
```


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

```
.border{ border-color:rgb(101, 168, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 168, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 168, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 168, 235);  
box-shadow:4px 4px 4px 4px rgb(101, 168,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.6384, -4.9580, -39.5713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 168, 235) }
```

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

```
.background{ background-color: rgb(101,  
168, 235) }
```

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