

Converting Colors

HunterLab(58.4573, -7.5347,
-44.1234)

Have a look what the booklet for
HunterLab(58.4573, -7.5347,
-44.1234) contains.

HunterLab(58.5218, -7.7090, -43.7031)	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(58.5218, -7.7090,
-43.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	47A5EB
RGB	71, 165, 235
RGB Percent	28%, 65%, 92%
CMY	0.7215, 0.3529, 0.0784
CMYK	0.70, 0.30, 0.00, 0.08
HSL	206°, 80%, 60%
HSV	206°, 70%, 92%
XYZ	31.0491, 34.2480, 83.5713
YIQ	144.8740, -78.4940, 1.8420

Conversions

Conversions Part 2

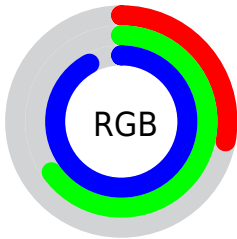
Format	Color
RYB	71, 131, 235
Decimal	4695531
CIELab	65.16, -5.47, -43.19
CIELCh	65, 43.532, 262.785
Yxy	34.2492, 0.2086, 0.2301
Android (android.graphics.Color)	4282885611 (0xFF47A5EB)
YUV	144.8740, 44.4321, -64.7875
Hunter-Lab	58.5218, -7.7090, -43.7031

Details

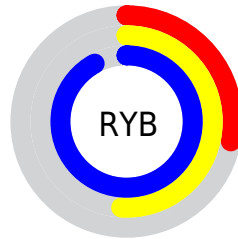
The HunterLab color **58.5218, -7.7090, -43.7031** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **60.9672, 24.8397, 32.2036**, and the grayscale version is **53.0128, -2.8286, 2.8803**.

A 20% lighter version of the original color is **79.7751, -19.2344, -21.4935**, and **39.1015, -3.8142, -40.6399** is the 20% darker color. If you saturate the color by 10%, you get **54.8159, -5.0493, -51.3244**, and if you desaturate by 10%, it is **62.5122, -9.4543, -36.1924**.

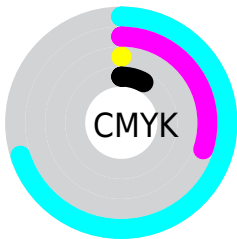
Distribution



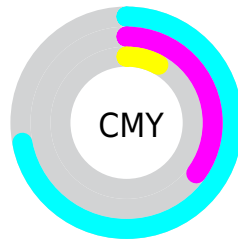
- Red (28%)
- Green (65%)
- Blue (92%)



- Red (28%)
- Yellow (51%)
- Blue (92%)



- Cyan (70%)
- Magenta (30%)
- Yellow (0%)
- Black (8%)



- Cyan (72%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5218, -7.7090, -43.7031 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 58.5218, -7.7090, -43.7031 by changing the saturation by 10% instead.

■ 58.5218, -7.7090,
-43.7031

■ 58.5218, -7.7090,
-43.7031

179.2322,
-16.2832, -48.8401

■ 48.0469, -6.8479,
-43.0220

■ 81.4377, -9.4819,
-45.0890

■ 38.2836, -6.0026,
-42.4168

■ 93.8070, -10.3963,
-45.7501

■ 29.2892, -5.1694,
-41.9958

■ 106.7459,
-11.3298, -46.3747

■ 21.1361, -4.3429,
-41.9960

■ 120.2305,
-12.2824, -46.9577

■ 13.9222, -3.5122,
-43.0094

134.2394,
-13.2541, -47.4965

■ 7.5580, -3.5557,
-48.7006

148.7537,

0.0000, NaN, -NF

-14.2449, -47.9899

0.0000, NaN, -NF

163.7564,
-15.2547, -48.4376

0.0000, NaN, -NF

■ 58.5218, -7.7090,
-43.7031

■ 58.5218, -7.7090,
-43.7031

■ 54.8159, -5.0493,
-51.3244

■ 62.5122, -9.4543,
-36.1924

■ 51.4052, -1.4520,
-59.0034

■ 66.7646, -10.3484,
-28.8396

■ 48.2743, 2.9805,
-66.7347

■ 71.2591, -10.4692,
-21.6700

■ 48.2080, 3.0809,
-66.9065

■ 75.9747, -9.8995,
-14.6952

■ 80.8921, -8.7190,
-7.9158

■ 85.9936, -7.0011,
-1.3247

■ 91.2631, -4.8112,
5.0897

■ 96.2882, -3.5830,
10.8725

■ 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.



58.5228, -23.8986, -32.4257



58.5218, -7.7090, -43.7031



58.5228, 11.9319, -39.5380

Triad

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



58.5228, -7.7085, -43.7018



58.5228, 35.1182, 15.2617



58.5228, -29.8155, 20.7501

Complementary

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



58.5218, -7.7090, -43.7031



60.9672, 24.8397, 32.2036

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.



58.5228, -16.7999, 27.2613



58.5218, -7.7090, -43.7031



58.5228, 21.0214, 24.8833

Square

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



58.5228, -7.7085, -43.7018



58.5228, 38.3731, -1.4180



58.5228, 1.6025, 28.4807



58.5228, -35.5454, 7.4431

Rectangle

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



58.5218, -7.7090, -43.7031



58.5228, 24.2394, -29.0496



58.5228, 1.6025, 28.4807



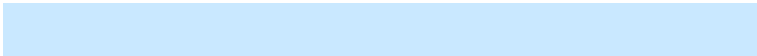
58.5228, -26.2347, 23.6044

Sweetspot

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



58.5228, -7.7085, -43.7018



88.0303, -9.7708, -9.6472



79.1399, -55.0571, 29.4045



40.0283, -4.7053, -5.4114

0.0000, NaN, NaN



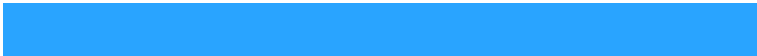
46.2646, -2.4686, 2.5136

Same Dimension

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



58.5228, -7.7085, -43.7018



58.3817, -3.8554, -60.1725



37.1273, 35.1153, -102.0237



39.9780, -3.2195, -0.5189



36.3214, 1.6657, -48.9944



11.0730, -1.0437, -11.5871

Inverse Universe

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



49.8867, 67.6550, -10.3839



50.4944, 83.7490, -8.4201



83.6704, -15.5539, 47.0596



38.9856, 2.4109, 0.6217



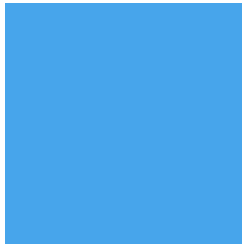
32.9008, 59.3671, -2.1781



9.3230, 17.0098, -2.0668

Previews

White Background



This preview shows how the HunterLab color 58.5218, -7.7090, -43.7031 looks on a white background.

Color Contrast Check

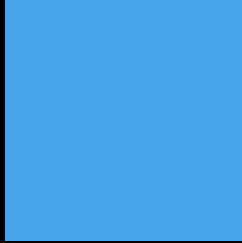
Large Text (above 18pt) WCAG AA × Fail

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 58.5218, -7.7090, -43.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

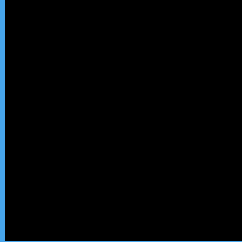
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

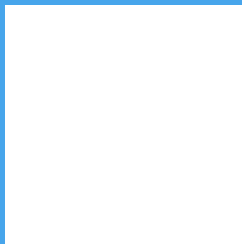
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.5218, -7.7090, -43.7031 Background



This preview shows how black text looks on a background with the HunterLab color 58.5218, -7.7090, -43.7031.

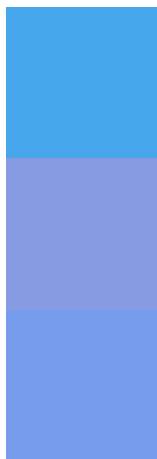


This preview shows how white text looks on a background with the HunterLab color 58.5218, -7.7090, -43.7031.

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

58.5218, -7.7090, -43.7031

Protanopia

58.3112, 5.9540, -37.1239

Deuteranopia

58.2103, 5.2137, -45.6466



Tritanopia

58.5323, -26.4773, -12.5891

Trichromacy



Original Color

58.5218, -7.7090, -43.7031

Protanomaly

58.1661, -0.2240, -39.7234

Deuteranomaly

58.0320, 0.0034, -45.3180

Tritanomaly

58.4482, -20.4338, -22.9316

Monochromacy



Original Color

58.5218, -7.7090, -43.7031

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.3345, -7.2543, -12.6073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5218, -7.7090, -43.7031 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(71, 165, 235)` looks like.

```
.text, #text, p{  
    color:rgb(71, 165, 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(71, 165, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 165, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5218, -7.7090, -43.7031 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(71, 165, 235) }
```


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

```
.border{ border-color:rgb(71, 165, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 165, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 165, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 165, 235);  
box-shadow:4px 4px 4px 4px rgb(71, 165,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5218, -7.7090, -43.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 165, 235) }
```

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

```
.background{ background-color: rgb(71, 165,  
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