

Converting Colors

HunterLab(57.9991, -0.9245,
-50.9588)

Have a look what the booklet for
HunterLab(57.9991, -0.9245,
-50.9588) contains.

HunterLab(57.9991, -0.9245, -50.9588)	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(57.9991, -0.9245,
-50.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	57A0F3
RGB	87, 160, 243
RGB Percent	34%, 63%, 95%
CMY	0.6588, 0.3725, 0.0471
CMYK	0.64, 0.34, 0.00, 0.05
HSL	212°, 87%, 65%
HSV	212°, 64%, 95%
XYZ	32.6790, 33.6390, 89.5647
YIQ	147.6350, -70.1510, 10.3370

Conversions

Conversions Part 2

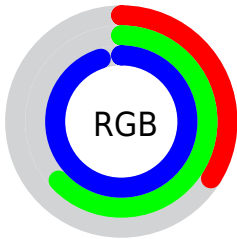
Format	Color
R_{YB}	87, 137, 243
Decimal	5742835
CIE _{Lab}	64.68, 2.54, -48.30
CIE _{LCh}	65, 48.365, 273.013
Yxy	33.6401, 0.2096, 0.2158
Android (android.graphics.Color)	4283932915 (0xFF57A0F3)
YUV	147.6350, 47.0149, -53.1769
Hunter-Lab	57.9991, -0.9245, -50.9588

Details

The HunterLab color **57.9991, -0.9245, -50.9588** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **69.6387, 14.1356, 35.4800**, and the grayscale version is **54.1100, -2.8872, 2.9399**.

A 20% lighter version of the original color is **78.6112, -13.4224, -23.1501**, and **38.0558, 0.6242, -48.9140** is the 20% darker color. If you saturate the color by 10%, you get **53.2995, 2.6887, -61.4352**, and if you desaturate by 10%, it is **63.0330, -3.5392, -40.9810**.

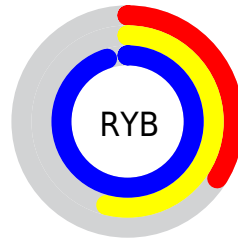
Distribution



Red (34%)

Green (63%)

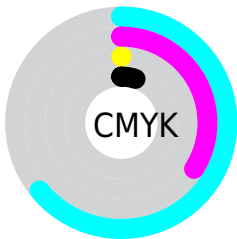
Blue (95%)



Red (34%)

Yellow (54%)

Blue (95%)

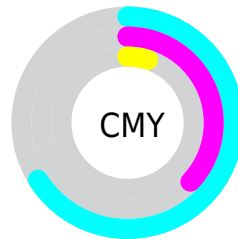


Cyan (64%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (66%)

Magenta (37%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.9991, -0.9245, -50.9588 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 57.9991, -0.9245, -50.9588 by changing the saturation by 10% instead.

■ 57.9991, -0.9245,
-50.9588

■ 57.9991, -0.9245,
-50.9588

■ 178.4725, -6.3826,
-56.8370

■ 47.5576, -0.5033,
-50.2992

■ 80.8539, -1.8936,
-52.4180

■ 37.8301, -0.1307,
-49.7861

■ 93.1950, -2.4365,
-53.1493

■ 28.8745, 0.1882,
-49.5777

■ 106.1069, -3.0150,
-53.8576

■ 20.7644, 0.4457,
-50.0167

■ 119.5656, -3.6271,
-54.5336

■ 13.5990, 0.6302,
-51.9595

■ 133.5496, -4.2713,
-55.1719

■ 7.1948, 1.1554,
-61.3133

148.0398, -4.9461,

0.0000, NaN, -NF

-55.7695

0.0000, NaN, -NF

163.0193, -5.6502,
-56.3248

0.0000, NaN, -NF

■ 57.9991, -0.9245,
-50.9588

■ 57.9991, -0.9245,
-50.9588

■ 53.2995, 2.6887,
-61.4352

■ 63.0330, -3.5392,
-40.9810

■ 48.9702, 7.3871,
-72.3596

■ 68.3607, -5.2698,
-31.5122

■ 45.0468, 13.1942,
-83.6172

■ 73.9498, -6.2310,
-22.5267

■ 42.9416, 16.9761,
-90.3197

■ 79.7710, -6.5293,
-13.9837

■ 85.7996, -6.2585,
-5.8359

■ 92.0144, -5.4989,
1.9646

■ 98.1928, -5.0288,
9.2178

■ 99.6249, -7.3948,
10.7948

Harmonies

Analogous

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



58.0001, -20.5785, -43.5456



57.9991, -0.9245, -50.9588



58.0001, 21.0099, -40.0723

Triad

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



58.0001, -0.9239, -50.9574



58.0001, 35.5032, 20.6602



58.0001, -35.3381, 18.2316

Complementary

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



57.9991, -0.9245, -50.9588



69.6387, 14.1356, 35.4800

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.



58.0001, -23.8154, 27.2876



57.9991, -0.9245, -50.9588



58.0001, 16.7347, 28.2915

Square

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



58.0001, -0.9239, -50.9574



58.0001, 43.8623, 5.1727



58.0001, -5.2402, 30.1852



58.0001, -38.6684, 1.0664

Rectangle

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



57.9991, -0.9245, -50.9588



58.0001, 33.4769, -25.5999



58.0001, -5.2402, 30.1852



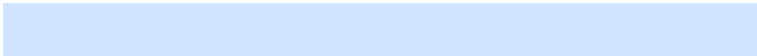
58.0001, -32.3855, 22.0827

Sweetspot

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



58.0001, -0.9239, -50.9574



87.5110, -6.8189, -10.2937



83.0306, -52.8333, 23.9224



39.6452, -3.1835, -5.9107

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.0001, -0.9239, -50.9574



54.8823, 4.2075, -68.3140



39.2976, 39.1769, -103.0328



41.4791, -2.7859, -0.9941



32.2257, 11.7110, -65.5600



10.5666, 1.4853, -16.4136

Inverse Universe

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



53.3018, 63.1695, -3.0449



51.5472, 77.1645, -0.3312



91.3157, -23.2763, 50.0051



40.7573, 2.3473, 1.1693



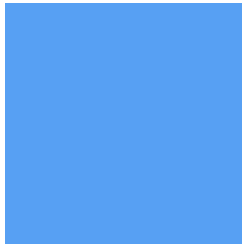
33.3882, 59.2444, 5.5590



10.0018, 17.9402, 0.1695

Previews

White Background



This preview shows how the HunterLab color 57.9991, -0.9245, -50.9588 looks on a white background.

Color Contrast Check

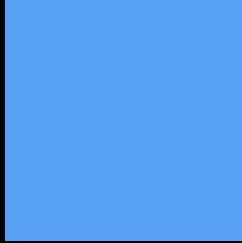
Large Text (above 18pt) WCAG AA × Fail

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 57.9991, -0.9245, -50.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

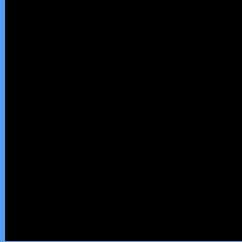
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

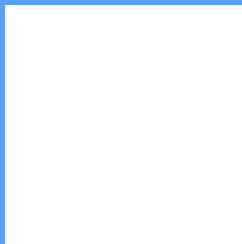
Any Text WCAG AAA ✓ Pass

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

HunterLab 57.9991, -0.9245, -50.9588 Background



This preview shows how black text looks on a background with the HunterLab color 57.9991, -0.9245, -50.9588.



This preview shows how white text looks on a background with the HunterLab color 57.9991, -0.9245, -50.9588.

-50.9588.

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

57.9991, -0.9245, -50.9588

Protanopia

57.7343, 8.0464, -46.5632

Deuteranopia

57.9308, 4.9994, -51.8118



Tritanopia

58.1795, -24.6813, -11.3571

Trichromacy



Original Color

57.9991, -0.9245, -50.9588

Protanomaly

57.8392, 4.1750, -47.9965

Deuteranomaly

57.8034, 3.0750, -52.1172

Tritanomaly

58.0127, -17.0367, -24.2292

Monochromacy



Original Color

57.9991, -0.9245, -50.9588

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

55.0554, -4.3348, -14.3965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.9991, -0.9245, -50.9588 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(87, 160, 243)` looks like.

```
.text, #text, p{  
    color:rgb(87, 160, 243)  
}
```

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(87, 160, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 160, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 57.9991, -0.9245, -50.9588 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(87, 160, 243) }
```


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

```
.border{ border-color:rgb(87, 160, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 160, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 160, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 160, 243);  
box-shadow:4px 4px 4px 4px rgb(87, 160,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.9991, -0.9245, -50.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 160, 243) }
```

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

```
.background{ background-color: rgb(87, 160,  
243) }
```

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