

Converting Colors

HunterLab(56.5186, 5.6955,
-64.3206)

Have a look what the booklet for
HunterLab(56.5186, 5.6955,
-64.3206) contains.

HunterLab(56.4688, 5.8016, -64.4369)	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(56.4688, 5.8016,
-64.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	5499FF
RGB	84, 153, 255
RGB Percent	33%, 60%, 100%
CMY	0.6705, 0.4000, 0.0000
CMYK	0.67, 0.40, 0.00, 0.00
HSL	216°, 100%, 66%
HSV	216°, 67%, 100%
XYZ	33.0974, 31.8873, 99.0181
YIQ	143.9970, -73.8660, 17.0940

Conversions

Conversions Part 2

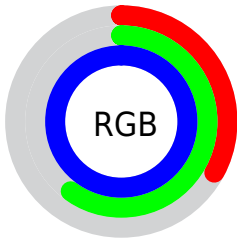
Format	Color
R _Y B	84, 133, 255
Decimal	5544447
CIE Lab	63.25, 10.17, -57.13
CIE LCh	63, 58.028, 280.098
Yxy	31.8882, 0.2018, 0.1944
Android (android.graphics.Color)	4283734527 (0xFF5499FF)
YUV	143.9970, 54.7245, -52.6174
Hunter-Lab	56.4688, 5.8016, -64.4369

Details

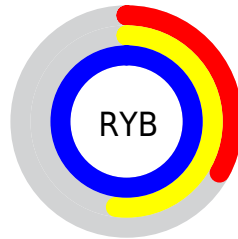
The HunterLab color **56.4688, 5.8016, -64.4369** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **75.5128, 10.6318, 40.1295**, and the grayscale version is **52.6196, -2.8076, 2.8589**.

A 20% lighter version of the original color is **76.3120, -10.1425, -26.6592**, and **37.1183, 7.3852, -62.3373** is the 20% darker color. If you saturate the color by 10%, you get **51.2364, 10.9608, -77.7151**, and if you desaturate by 10%, it is **62.1189, 1.8122, -51.9903**.

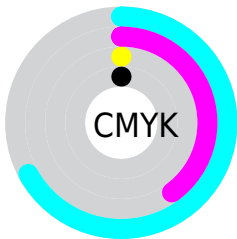
Distribution



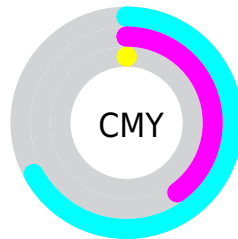
- Red (33%)
- Green (60%)
- Blue (100%)



- Red (33%)
- Yellow (52%)
- Blue (100%)



- Cyan (67%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4688, 5.8016, -64.4369 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 56.4688, 5.8016, -64.4369 by changing the saturation by 10% instead.

■ 56.4688, 5.8016,
-64.4369

■ 56.4688, 5.8016,
-64.4369

176.2412, 3.2727,
-71.1660

■ 46.1261, 5.8148,
-63.9472

■ 79.1428, 5.5829,
-65.8485

■ 36.5048, 5.7513,
-63.7828

■ 91.4003, 5.3884,
-66.6417

■ 27.6648, 5.5997,
-64.2316

■ 104.2324, 5.1434,
-67.4462

■ 19.6824, 5.3431,
-65.9191

■ 117.6145, 4.8518,
-68.2430

■ 12.6622, 4.9556,
-70.4423

131.5248, 4.5164,
-69.0199

■ 5.9987, 7.0705,
-94.9169

145.9440, 4.1400,

0.0000, NaN, -NF

-69.7691

0.0000, NaN, -NF

160.8547, 3.7248,
-70.4855

0.0000, NaN, -NF

■ 56.4688, 5.8016,
-64.4369

■ 56.4688, 5.8016,
-64.4369

■ 51.2364, 10.9608,
-77.7151

■ 62.1189, 1.8122,
-51.9903

■ 46.4814, 17.3841,
-91.7324

■ 68.1277, -1.1513,
-40.3751

■ 42.2619, 25.0448,
-106.2468

■ 74.4483, -3.2359,
-29.5268

■ 41.1074, 27.4530,
-110.6439

■ 81.0406, -4.5773,
-19.3591

■ 87.8720, -5.2921,
-9.7812

■ 94.9155, -5.4782,
-0.7071

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



56.4697, -18.6938, -60.3582



56.4688, 5.8016, -64.4369



56.4697, 31.9983, -45.2456

Triad

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



56.4697, 5.8023, -64.4349



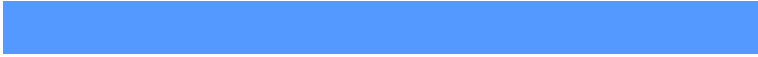
56.4697, 39.3951, 25.5525



56.4697, -41.9823, 16.7087

Complementary

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



56.4688, 5.8016, -64.4369



75.5128, 10.6318, 40.1295

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.



56.4697, -31.1487, 28.3101



56.4688, 5.8016, -64.4369



56.4697, 14.5837, 31.6277

Square

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



56.4697, 5.8023, -64.4349



56.4697, 53.5393, 10.6261



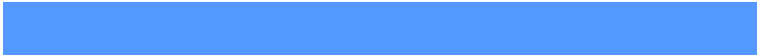
56.4697, -11.3245, 32.3460



56.4697, -43.4935, -5.6913

Rectangle

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



56.4688, 5.8016, -64.4369



56.4697, 45.8479, -25.3277



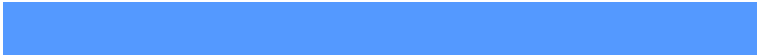
56.4697, -11.3245, 32.3460



56.4697, -39.4144, 21.6715

Sweetspot

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



56.4697, 5.8023, -64.4349



85.8369, -5.1405, -12.5460



87.6674, -55.5972, 22.4694



38.8217, -2.2906, -7.0449

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.4697, 5.8023, -64.4349



49.7834, 12.7191, -81.7749



40.2161, 46.2934, -113.8872



43.1055, -2.5339, -1.3360



30.1721, 18.7652, -78.2213



10.4588, 3.5699, -20.7790

Inverse Universe

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



54.6829, 68.0442, 2.2099



50.3286, 77.4806, 6.0947



95.2981, -29.0049, 52.9948



42.5541, 2.3473, 1.5519



34.1277, 60.0215, 9.8288



10.7470, 19.0869, 1.6543

Previews

White Background



This preview shows how the HunterLab color 56.4688, 5.8016, -64.4369 looks on a white background.

Color Contrast Check

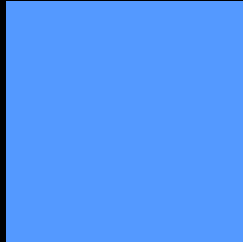
Large Text (above 18pt) WCAG AA × Fail

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 56.4688, 5.8016, -64.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

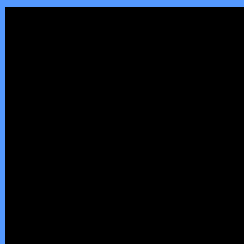
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

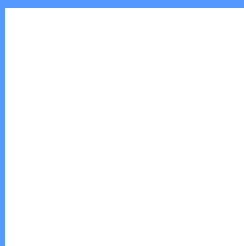
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.4688, 5.8016, -64.4369 Background



This preview shows how black text looks on a background with the HunterLab color 56.4688, 5.8016, -64.4369.



This preview shows how white text looks on a background with the HunterLab color 56.4688, 5.8016, -64.4369.

-64.4369.

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

56.4688, 5.8016, -64.4369

Protanopia

56.4264, 11.0733, -60.9349

Deuteranopia

56.3882, 5.5336, -64.6333



Tritanopia

56.2936, -25.4513, -12.3693

Trichromacy



Original Color

56.4688, 5.8016, -64.4369

Protanomaly

56.2207, 9.0676, -62.3216

Deuteranomaly

56.4282, 5.6667, -64.5357

Tritanomaly

56.1263, -15.6246, -29.4105

Monochromacy



Original Color

56.4688, 5.8016, -64.4369

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.3533, -2.6633, -17.5639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4688, 5.8016, -64.4369 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(84, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 153, 255)  
}
```

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(84, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 153, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4688, 5.8016, -64.4369 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(84, 153, 255) }
```


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

```
.border{ border-color:rgb(84, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 153,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4688, 5.8016, -64.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 153, 255) }
```

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

```
.background{ background-color: rgb(84, 153,  
255) }
```

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