

Converting Colors

HunterLab(49.6000, 6.7058,
-55.3598)

Have a look what the booklet for
HunterLab(49.6000, 6.7058,
-55.3598) contains.

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Color

**HunterLab(49.7029, 6.5658,
-55.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	5487E2
RGB	84, 135, 226
RGB Percent	33%, 53%, 89%
CMY	0.6706, 0.4706, 0.1137
CMYK	0.63, 0.40, 0.00, 0.11
HSL	218°, 71%, 61%
HSV	218°, 63%, 89%
XYZ	26.0476, 24.7038, 75.3470
YIQ	130.1250, -59.6070, 17.4890

Conversions

Conversions Part 2

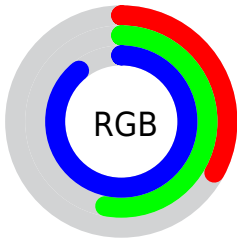
Format	Color
R _Y B	84, 122, 226
Decimal	5539810
CIE Lab	56.79, 11.04, -51.41
CIE LCh	57, 52.581, 282.123
Yxy	24.7046, 0.2066, 0.1959
Android (android.graphics.Color)	4283729890 (0xFF5487E2)
YUV	130.1250, 47.2664, -40.4516
Hunter-Lab	49.7029, 6.5658, -55.0885

Details

The HunterLab color **49.7029, 6.5658, -55.0885** 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 **68.8998, 4.5472, 35.3163**, and the grayscale version is **47.1342, -2.5150, 2.5609**.

A 20% lighter version of the original color is **70.1471, -1.3514, -36.7640**, and **30.9158, 7.0038, -53.7612** is the 20% darker color. If you saturate the color by 10%, you get **44.7816, 11.1426, -67.4738**, and if you desaturate by 10%, it is **54.9921, 2.9861, -43.6372**.

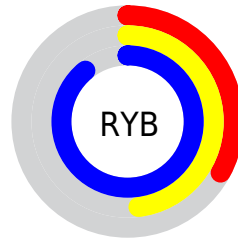
Distribution



Red (33%)

Green (53%)

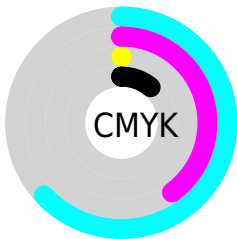
Blue (89%)



Red (33%)

Yellow (48%)

Blue (89%)

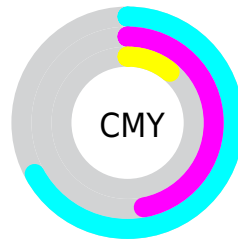


Cyan (63%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7029, 6.5658, -55.0885 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 49.7029, 6.5658, -55.0885 by changing the saturation by 10% instead.

■ 49.7029, 6.5658,
-55.0885

■ 49.7029, 6.5658,
-55.0885

166.2419, 4.6475,
-61.3842

■ 39.8210, 6.4850,
-54.6026

■ 71.5385, 6.5125,
-56.4682

■ 30.6971, 6.3171,
-54.4506

■ 83.4097, 6.3921,
-57.2280

■ 22.4013, 6.0473,
-54.9775

■ 95.8735, 6.2169,
-57.9886

■ 15.0264, 5.6526,
-57.0126

■ 108.9027, 5.9912,
-58.7328

■ 8.6678, 5.2555,
-63.3867

122.4739, 5.7186,
-59.4499

0.0000, NaN, -NF

0.0000, NaN, -NF

136.5663, 5.4022,

-60.1332

0.0000, NaN, -NF

151.1612, 5.0444,
-60.7787

0.0000, NaN, NaN

■ 49.7029, 6.5658,
-55.0885

■ 49.7029, 6.5658,
-55.0885

■ 44.7816, 11.1426,
-67.4738

■ 54.9921, 2.9861,
-43.6372

■ 40.2911, 16.8313,
-80.7587

■ 60.5923, 0.2592,
-33.0643

■ 36.3038, 23.6595,
-94.7252

■ 66.4599, -1.7510,
-23.2680

■ 33.7642, 29.1058,
-105.0333

■ 72.5593, -3.1638,
-14.1385

■ 78.8619, -4.0790,
-5.5721

■ 85.3447, -4.5781,
2.5229

■ 91.9889, -4.7271,
10.2248

■ 97.8086, -7.9656,
16.5135

■ 99.1317, -10.1134,
17.8734

Harmonies

Analogous

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



49.7037, -15.0120, -53.0209



49.7029, 6.5658, -55.0885



49.7037, 29.0995, -37.4693

Triad

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



49.7037, 6.5665, -55.0872



49.7037, 32.8638, 22.8673



49.7037, -36.9122, 13.5625

Complementary

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



49.7029, 6.5658, -55.0885



68.8998, 4.5472, 35.3163

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.



49.7037, -28.0155, 24.2869



49.7029, 6.5658, -55.0885



49.7037, 11.0418, 27.8188

Square

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



49.7037, 6.5665, -55.0872



49.7037, 45.9619, 10.4523



49.7037, -11.2491, 28.1908



49.7037, -37.6864, -6.5319

Rectangle

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



49.7029, 6.5658, -55.0885



49.7037, 40.6502, -20.0890



49.7037, -11.2491, 28.1908



49.7037, -34.8550, 18.1108

Sweetspot

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



49.7037, 6.5665, -55.0872



85.8516, -4.0774, -12.5071



77.0272, -45.6086, 15.8669



38.7641, -1.7276, -7.1165

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7037, 6.5665, -55.0872



49.9218, 14.3918, -81.3479



38.3574, 37.5114, -86.9256



37.4766, -1.9844, -1.2860



25.9009, 20.9678, -77.6373



7.9407, 2.9529, -16.2997

Inverse Universe

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



49.2545, 54.8103, 3.7174



51.5524, 73.3998, 7.7659



82.6490, -26.8258, 44.4402



37.1234, 1.9154, 1.5601



30.9601, 54.1861, 10.9673



8.2529, 14.6391, 1.4130

Previews

White Background



This preview shows how the HunterLab color 49.7029, 6.5658, -55.0885 looks on a white background.

Color Contrast Check

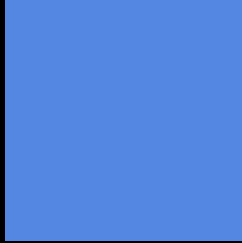
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.7029, 6.5658, -55.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

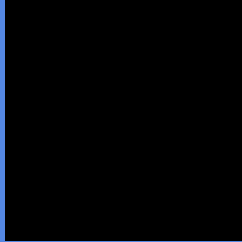
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

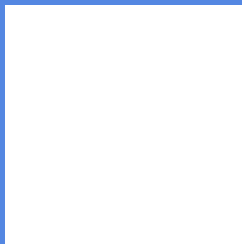
Any Text WCAG AAA × Fail

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

HunterLab 49.7029, 6.5658, -55.0885 Background



This preview shows how black text looks on a background with the HunterLab color 49.7029, 6.5658, -55.0885.



This preview shows how white text looks on a background with the HunterLab color 49.7029, 6.5658, -55.0885.

-55.0885.

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

49.7029, 6.5658, -55.0885

Protanopia

49.7529, 9.3672, -53.2176

Deuteranopia

49.5935, 4.7524, -55.3769



Tritanopia

49.7456, -20.6868, -9.8967

Trichromacy



Original Color

49.7029, 6.5658, -55.0885

Protanomaly

49.8132, 8.2520, -53.9470

Deuteranomaly

49.7182, 5.1670, -55.0771

Tritanomaly

49.4706, -11.8231, -24.7328

Monochromacy



Original Color

49.7029, 6.5658, -55.0885

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.6758, -1.6149, -14.9197

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7029, 6.5658, -55.0885 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, 135, 226)` looks like.

```
.text, #text, p{  
    color:rgb(84, 135, 226)  
}
```

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, 135, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 135, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7029, 6.5658, -55.0885 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, 135, 226) }
```


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

```
.border{ border-color:rgb(84, 135, 226) }
```

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

Here you see how a box with a 4 pixel rgb(84, 135, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 135, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 135, 226);  
box-shadow:4px 4px 4px 4px rgb(84, 135,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7029, 6.5658, -55.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 135, 226) }
```

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

```
.background{ background-color: rgb(84, 135,  
226) }
```

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](#).

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