

Converting Colors

HunterLab(45.0963, 5.0656,
-49.7344)

Have a look what the booklet for
HunterLab(45.0963, 5.0656,
-49.7344) contains.

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Color

**HunterLab(45.0963, 5.0656,
-49.7344)**

Conversions

Conversions Part 1

Format	Color
Hex	497CCF
RGB	73, 124, 207
RGB Percent	29%, 49%, 81%
CMY	0.7137, 0.5137, 0.1882
CMYK	0.65, 0.40, 0.00, 0.19
HSL	217°, 58%, 55%
HSV	217°, 65%, 81%
XYZ	21.2178, 20.3368, 61.8386
YIQ	118.2130, -57.0390, 15.0010

Conversions

Conversions Part 2

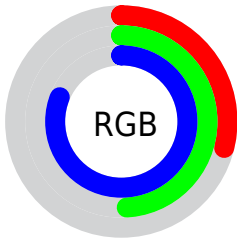
Format	Color
R _Y B	73, 110, 207
Decimal	4816079
CIE Lab	52.22, 9.28, -48.01
CIE LCh	52, 48.901, 280.939
Yxy	20.3374, 0.2052, 0.1967
Android (android.graphics.Color)	4283006159 (0xFF497CCF)
YUV	118.2130, 43.7720, -39.6518
Hunter-Lab	45.0963, 5.0656, -49.7344

Details

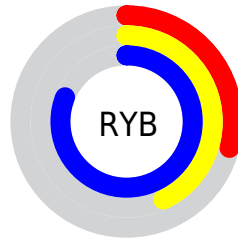
The HunterLab color **45.0963, 5.0656, -49.7344** is a dark color, and the websafe version is hex **6699FF**. The color can be described as dark muted azure. A complement of this color would be **61.2583, 5.9290, 31.7489**, and the grayscale version is **42.4988, -2.2676, 2.3090**.

A 20% lighter version of the original color is **65.7702, 2.2775, -44.7190**, and **27.2688, 6.2963, -47.6755** is the 20% darker color. If you saturate the color by 10%, you get **40.8060, 9.0717, -60.4686**, and if you desaturate by 10%, it is **49.7096, 1.9511, -39.7440**.

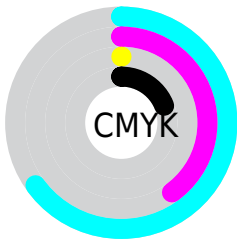
Distribution



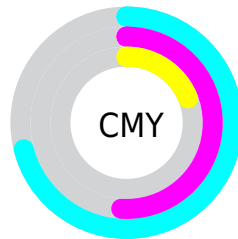
- Red (29%)
- Green (49%)
- Blue (81%)



- Red (29%)
- Yellow (43%)
- Blue (81%)



- Cyan (65%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.0963, 5.0656, -49.7344 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 45.0963, 5.0656, -49.7344 by changing the saturation by 10% instead.

■ 45.0963, 5.0656,
-49.7344

■ 45.0963, 5.0656,
-49.7344

159.2909, 2.6748,
-55.7444

■ 35.5536, 5.0435,
-49.2681

■ 66.3191, 4.8981,
-51.0796

■ 26.7983, 4.9347,
-49.1602

■ 77.9095, 4.7227,
-51.8157

■ 18.9100, 4.7231,
-49.8245

■ 90.1060, 4.4938,
-52.5477

■ 11.9969, 4.3826,
-52.3516

■ 102.8799, 4.2158,
-53.2588

■ 4.9537, 7.8982,
-78.1370

■ 116.2062, 3.8921,
-53.9388

0.0000, NaN, -NF

0.0000, NaN, -NF

130.0628, 3.5258,

-54.5817

0.0000, NaN, -NF

144.4303, 3.1193,
-55.1842

0.0000, NaN, NaN

■ 45.0963, 5.0656,
-49.7344

■ 45.0963, 5.0656,
-49.7344

■ 40.8060, 9.0717,
-60.4686

■ 49.7096, 1.9511,
-39.7440

■ 36.8892, 14.0612,
-71.9016

■ 54.5982, -0.3926,
-30.4685

■ 33.4022, 20.0496,
-83.8504

■ 59.7250, -2.0825,
-21.8363

■ 31.7255, 23.4894,
-90.3610

■ 65.0591, -3.2229,
-13.7647

■ 70.5754, -3.9024,
-6.1725

■ 76.2537, -4.1942,
1.0142

■ 82.0770, -4.1581,
7.8598

■ 88.0317, -3.8429,
14.4190

■ 93.6660, -4.8144,
20.2655

Harmonies

Analogous

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



45.0970, -14.2103, -47.1219



45.0963, 5.0656, -49.7344



45.0970, 25.4293, -34.4940

Triad

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



45.0970, 5.0662, -49.7333



45.0970, 30.2021, 20.3554



45.0970, -33.1147, 12.7764

Complementary

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



45.0963, 5.0656, -49.7344



61.2583, 5.9290, 31.7489

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.



45.0970, -24.7951, 22.1725



45.0963, 5.0656, -49.7344



45.0970, 10.7471, 25.0560

Square

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



45.0970, 5.0662, -49.7333



45.0970, 41.5240, 8.8163



45.0970, -9.4264, 25.5343



45.0970, -34.1015, -4.9941

Rectangle

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



45.0963, 5.0656, -49.7344



45.0970, 36.0443, -18.9861



45.0970, -9.4264, 25.5343



45.0970, -31.1604, 16.7711

Sweetspot

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



45.0970, 5.0662, -49.7333



86.1771, -4.6192, -12.0692



69.5922, -42.1931, 15.4846



38.9368, -2.0155, -6.8777

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.0970, 5.0662, -49.7333



49.5084, 13.9887, -82.5482



33.7300, 34.8050, -82.3717



34.8491, -1.9428, -1.0921



25.5163, 17.8313, -70.3859



7.1794, 1.7353, -12.7195

Inverse Universe

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



44.1439, 51.1467, 2.4846



50.7527, 75.8156, 7.1846



74.9875, -23.8856, 40.8040



34.4697, 1.7792, 1.3640



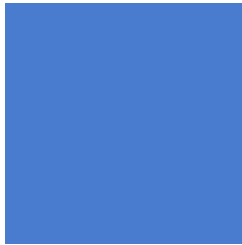
29.5441, 51.8500, 9.3635



7.0946, 12.6572, 0.6496

Previews

White Background



This preview shows how the HunterLab color 45.0963, 5.0656, -49.7344 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 45.0963, 5.0656, -49.7344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

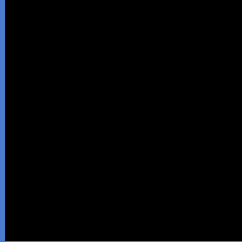
Any Text WCAG AA ✓ Pass

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 45.0963, 5.0656, -49.7344 Background



This preview shows how black text looks on a background with the HunterLab color 45.0963, 5.0656, -49.7344.



This preview shows how white text looks on a background with the HunterLab color 45.0963, 5.0656, -49.7344.

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

45.0963, 5.0656, -49.7344

Protanopia

44.9534, 8.5019, -47.4969

Deuteranopia

45.1677, 3.8684, -49.5887



Tritanopia

45.2123, -19.5444, -9.2232

Trichromacy



Original Color

45.0963, 5.0656, -49.7344

Protanomaly

44.9574, 7.2253, -48.3420

Deuteranomaly

45.2486, 4.1383, -49.3956

Tritanomaly

44.8006, -11.5522, -22.2724

Monochromacy



Original Color

45.0963, 5.0656, -49.7344

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.9648, -1.6485, -13.3720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.0963, 5.0656, -49.7344 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(73, 124, 207)` looks like.

```
.text, #text, p{  
    color:rgb(73, 124, 207)  
}
```

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(73, 124, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 124, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 45.0963, 5.0656, -49.7344 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(73, 124, 207) }
```


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

```
.border{ border-color:rgb(73, 124, 207) }
```

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

Here you see how a box with a 4 pixel rgb(73, 124, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 124, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 124, 207);  
box-shadow:4px 4px 4px 4px rgb(73, 124,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.0963, 5.0656, -49.7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 124, 207) }
```

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

```
.background{ background-color: rgb(73, 124,  
207) }
```

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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