

Converting Colors

HunterLab(44.5262, 6.0055,
-48.5266)

Have a look what the booklet for
HunterLab(44.5262, 6.0055,
-48.5266) contains.

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Color

**HunterLab(44.6076, 5.9714,
-48.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7ACC
RGB	78, 122, 204
RGB Percent	31%, 48%, 80%
CMY	0.6941, 0.5216, 0.2000
CMYK	0.62, 0.40, 0.00, 0.20
HSL	219°, 55%, 55%
HSV	219°, 62%, 80%
XYZ	21.0005, 19.8984, 59.8606
YIQ	118.1920, -52.5460, 16.1740

Conversions

Conversions Part 2

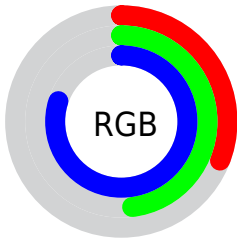
Format	Color
R_{YB}	78, 111, 204
Decimal	5143244
CIE _{Lab}	51.72, 10.37, -47.08
CIE _{LCh}	52, 48.207, 282.421
Yxy	19.8990, 0.2084, 0.1975
Android (android.graphics.Color)	4283333324 (0xFF4E7ACC)
YUV	118.1920, 42.3033, -35.2484
Hunter-Lab	44.6076, 5.9714, -48.3382

Details

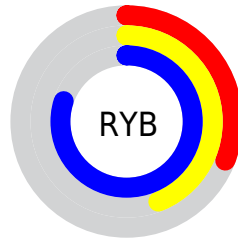
The HunterLab color $[44.6076, 5.9714, -48.3382]$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as dark muted azure. A complement of this color would be $[62.0736, 3.0869, 31.4178]$, and the grayscale version is $[42.4949, -2.2674, 2.3088]$.

A 20% lighter version of the original color is $[65.4297, 4.1782, -45.3394]$, and $[26.5847, 6.3430, -46.9213]$ is the 20% darker color. If you saturate the color by 10%, you get $[40.1573, 10.0046, -59.4252]$, and if you desaturate by 10%, it is $[49.3808, 2.8067, -38.1134]$.

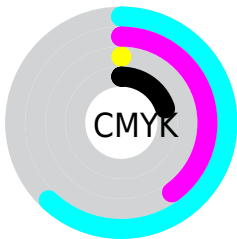
Distribution



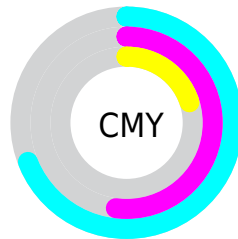
- Red (31%)
- Green (48%)
- Blue (80%)



- Red (31%)
- Yellow (44%)
- Blue (80%)



- Cyan (62%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.6076, 5.9714, -48.3382 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 44.6076, 5.9714, -48.3382 by changing the saturation by 10% instead.

■ 44.6076, 5.9714,
-48.3382

■ 44.6076, 5.9714,
-48.3382

158.5459, 4.0280,
-54.2624

■ 35.1022, 5.8852,
-47.8592

■ 65.7631, 5.9201,
-49.6851

■ 26.3878, 5.7075,
-47.7259

■ 77.3227, 5.7982,
-50.4148

■ 18.5447, 5.4204,
-48.3462

■ 89.4901, 5.6203,
-51.1373

■ 11.6834, 4.9965,
-50.8085

■ 102.2361, 5.3911,
-51.8366

■ 4.3673, 10.1121,
-83.4025

115.5356, 5.1143,
-52.5032

0.0000, NaN, -NF

0.0000, NaN, -NF

129.3666, 4.7931,

-53.1315

0.0000, NaN, NaN

143.7092, 4.4302,
-53.7185

0.0000, NaN, NaN

■ 44.6076, 5.9714,
-48.3382

■ 44.6076, 5.9714,
-48.3382

■ 40.1573, 10.0046,
-59.4252

■ 49.3808, 2.8067,
-38.1134

■ 36.0862, 15.0146,
-71.3615

■ 54.4263, 0.3809,
-28.6883

■ 32.4615, 21.0398,
-83.9702

■ 59.7058, -1.4260,
-19.9638

■ 29.8259, 26.6071,
-94.7169

■ 65.1881, -2.7183,
-11.8373

■ 70.8484, -3.5827,
-4.2135

■ 76.6666, -4.0895,
2.9908

■ 82.6264, -4.2957,
9.8462

■ 88.7143, -4.2472,
16.4115

■ 94.2454, -6.3261,
22.0240

Harmonies

Analogous

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



44.6083, -13.1516, -46.7122



44.6076, 5.9714, -48.3382



44.6083, 25.8326, -32.7426

Triad

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



44.6083, 5.9719, -48.3371



44.6083, 28.8082, 20.4098



44.6083, -32.7946, 11.9134

Complementary

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



44.6076, 5.9714, -48.3382



62.0736, 3.0869, 31.4178

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.



44.6083, -24.9625, 21.5490



44.6076, 5.9714, -48.3382



44.6083, 9.5162, 24.8036

Square

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



44.6083, 5.9719, -48.3371



44.6083, 40.4579, 9.4388



44.6083, -10.1642, 25.1043



44.6083, -33.4119, -5.9450

Rectangle

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



44.6076, 5.9714, -48.3382



44.6083, 35.9540, -17.4428



44.6083, -10.1642, 25.1043



44.6083, -30.9896, 15.9863

Sweetspot

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



44.6083, 5.9719, -48.3371



85.7008, -3.8258, -12.7105



68.8046, -39.7975, 13.0801



38.6841, -1.5939, -7.2274

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.6083, 5.9719, -48.3371



49.9429, 14.7978, -81.2806



35.1363, 32.7177, -74.1744



33.8734, -1.7509, -1.1605



23.9952, 20.2494, -73.7045



6.6227, 1.9520, -12.4915

Inverse Universe

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



44.3761, 47.5998, 3.5767



51.8293, 72.4882, 8.1556



73.5276, -24.2828, 39.0692



33.5817, 1.6755, 1.4550



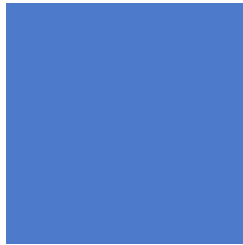
28.9555, 50.6379, 10.5658



6.6845, 11.8960, 0.8421

Previews

White Background



This preview shows how the HunterLab color 44.6076, 5.9714, -48.3382 looks on a white background.

Color Contrast Check

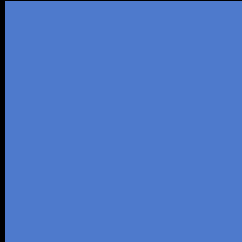
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.6076, 5.9714, -48.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

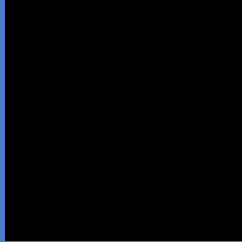
Any Text WCAG AA ✓ Pass

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 44.6076, 5.9714, -48.3382 Background



This preview shows how black text looks on a background with the HunterLab color 44.6076, 5.9714, -48.3382.



This preview shows how white text looks on a background with the HunterLab color 44.6076, 5.9714, -48.3382.

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

44.6076, 5.9714, -48.3382

Protanopia

44.5208, 8.2775, -46.8351

Deuteranopia

44.7662, 3.6436, -48.0122



Tritanopia

44.4382, -17.9059, -8.6719

Trichromacy



Original Color

44.6076, 5.9714, -48.3382

Protanomaly

44.6294, 7.3428, -47.4310

Deuteranomaly

44.6131, 4.5673, -48.3501

Tritanomaly

44.3611, -10.3178, -21.0627

Monochromacy



Original Color

44.6076, 5.9714, -48.3382

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.7167, -1.1458, -13.1638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.6076, 5.9714, -48.3382 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(78, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(78, 122, 204)  
}
```

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(78, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 122, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 44.6076, 5.9714, -48.3382 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(78, 122, 204) }
```


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

```
.border{ border-color:rgb(78, 122, 204) }
```

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

Here you see how a box with a 4 pixel rgb(78, 122, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(78, 122,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.6076, 5.9714, -48.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 122, 204) }
```

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

```
.background{ background-color: rgb(78, 122,  
204) }
```

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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