

Converting Colors

HunterLab(45.0242, -4.6074,
-16.3762)

Have a look what the booklet for
HunterLab(45.0242, -4.6074,
-16.3762) contains.

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Color

**HunterLab(45.1767, -4.8420,
-15.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	5F80A0
RGB	95, 128, 160
RGB Percent	37%, 50%, 63%
CMY	0.6274, 0.4980, 0.3725
CMYK	0.41, 0.20, 0.00, 0.37
HSL	210°, 25%, 50%
HSV	210°, 41%, 63%
XYZ	18.7837, 20.4093, 36.2071
YIQ	121.7810, -29.9400, 2.9560

Conversions

Conversions Part 2

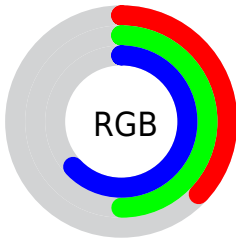
Format	Color
R_{YB}	95, 117, 160
Decimal	6258848
CIE _{Lab}	52.30, -3.14, -20.81
CIE _{LCh}	52, 21.043, 261.408
Yxy	20.4101, 0.2491, 0.2707
Android (android.graphics.Color)	4284448928 (0xFF5F80A0)
YUV	121.7810, 18.8420, -23.4869
Hunter-Lab	45.1767, -4.8420, -15.8946

Details

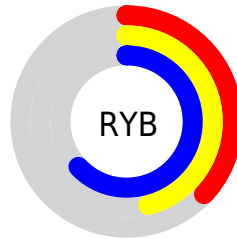
The HunterLab color $45.1767, -4.8420, -15.8946$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $48.4552, 4.1771, 16.6828$, and the grayscale version is $43.9686, -2.3461, 2.3889$.

A 20% lighter version of the original color is $66.5206, -6.3863, -16.4239$, and $26.8517, -3.5053, -14.8419$ is the 20% darker color. If you saturate the color by 10%, you get $42.0281, -4.3142, -21.0959$, and if you desaturate by 10%, it is $48.4687, -4.9466, -10.9038$.

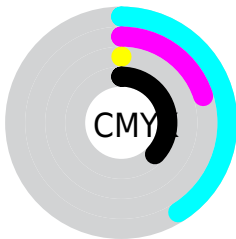
Distribution



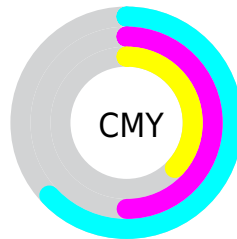
- Red (37%)
- Green (50%)
- Blue (63%)



- Red (37%)
- Yellow (46%)
- Blue (63%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1767, -4.8420, -15.8946 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 45.1767, -4.8420, -15.8946 by changing the saturation by 10% instead.

■ 45.1767, -4.8420,
-15.8946

■ 45.1767, -4.8420,
-15.8946

159.4135,
-12.2355, -16.6995

■ 35.6280, -4.1432,
-15.5051

■ 66.4106, -6.3160,
-16.4758

■ 26.8660, -3.4688,
-15.0576

■ 78.0061, -7.0904,
-16.6716

■ 18.9703, -2.8171,
-14.5757

■ 90.2074, -7.8893,
-16.8077

■ 12.0487, -2.1837,
-14.1429

■ 102.9859, -8.7123,
-16.8874

■ 5.0436, -2.9854,
-19.4300

116.3166, -9.5589,
-16.9137

0.0000, NaN, -NF

0.0000, NaN, NaN

130.1775,

-10.4286, -16.8895

0.0000, NaN, NaN

144.5490,
-11.3210, -16.8173

0.0000, NaN, NaN

■ 45.1767, -4.8420,
-15.8946

■ 45.1767, -4.8420,
-15.8946

■ 42.0281, -4.3142,
-21.0959

■ 48.4687, -4.9466,
-10.9038

■ 39.0362, -3.3037,
-26.5179

■ 51.8875, -4.6810,
-6.1120

■ 36.2190, -1.7518,
-32.1558

■ 55.4216, -4.0936,
-1.5006

■ 33.5943, 0.3936,
-37.9890

■ 59.0605, -3.2261,
2.9489

■ 31.1786, 3.1633,
-43.9770

■ 62.7947, -2.1141,
7.2550

■ 29.0818, 6.2192,
-49.7753

■ 66.6165, -0.7880,
11.4346

■ 70.5188, 0.7264,
15.5037

■ 74.4955, 2.4075,
19.4763

■ 78.5415, 4.2366,
23.3649

Harmonies

Analogous

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



45.1776, -12.2152, -11.5483



45.1767, -4.8420, -15.8946



45.1776, 3.7445, -14.6538

Triad

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



45.1776, -4.8423, -15.8937



45.1776, 13.9304, 7.8022



45.1776, -14.5556, 11.1653

Complementary

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



45.1767, -4.8420, -15.8946



48.4552, 4.1771, 16.6828

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.



45.1776, -8.2574, 14.7284



45.1767, -4.8420, -15.8946



45.1776, 8.3035, 13.0526

Square

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



45.1776, -4.8423, -15.8937



45.1776, 15.0149, 0.0604



45.1776, 0.0688, 15.3485



45.1776, -17.5435, 4.7331

Rectangle

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



45.1767, -4.8420, -15.8946



45.1776, 8.9806, -10.9098



45.1776, 0.0688, 15.3485



45.1776, -12.7786, 12.6845

Sweetspot

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



45.1776, -4.8423, -15.8937



73.9037, -5.6702, -3.0059



53.9371, -24.6159, 10.9513



34.3411, -2.7060, -1.7517



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



45.1776, -4.8423, -15.8937



56.9133, -5.8812, -27.9415



36.5413, 10.5747, -31.2611



26.3894, -1.8826, -0.4128



25.8393, 5.1590, -43.4336



4.5164, -1.0784, -3.3171

Inverse Universe

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



41.4936, 24.1191, -3.1917



51.4801, 40.8777, -5.1613



57.5047, -10.7788, 24.0820



25.8834, 1.3679, 0.6600



25.0923, 44.8620, 1.5580



3.4802, 6.4491, -1.5427

Previews

White Background



This preview shows how the HunterLab color 45.1767, -4.8420, -15.8946 looks on a white background.

Color Contrast Check

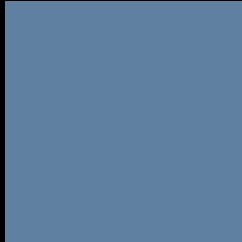
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1767, -4.8420, -15.8946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

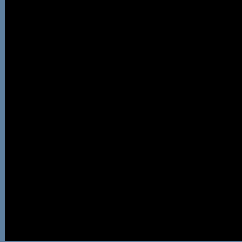
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

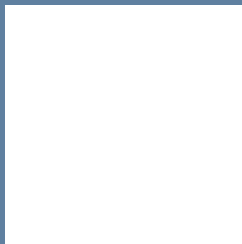
Any Text WCAG AAA × Fail

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

HunterLab 45.1767, -4.8420, -15.8946 Background



This preview shows how black text looks on a background with the HunterLab color 45.1767, -4.8420, -15.8946.



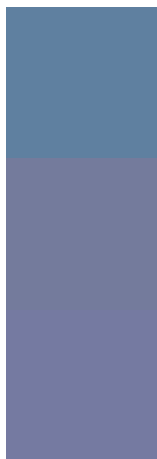
This preview shows how white text looks on a background with the HunterLab color 45.1767, -4.8420, -15.8946.

-15.8946.

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

45.1767, -4.8420, -15.8946

Protanopia

45.0325, 1.6037, -13.6337

Deuteranopia

45.0269, 3.3777, -16.5946



Tritanopia

45.1212, -10.8585, -6.0138

Trichromacy



Original Color

45.1767, -4.8420, -15.8946

Protanomaly

45.0441, -1.1417, -14.2507

Deuteranomaly

44.9886, 0.4146, -16.7079

Tritanomaly

45.1780, -8.6497, -9.6284

Monochromacy



Original Color

45.1767, -4.8420, -15.8946

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.3144, -3.7013, -3.9226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1767, -4.8420, -15.8946 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(95, 128, 160)` looks like.

```
.text, #text, p{  
    color:rgb(95, 128, 160)  
}
```

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(95, 128, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 128, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1767, -4.8420, -15.8946 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(95, 128, 160) }
```


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

```
.border{ border-color:rgb(95, 128, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 128, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 128, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 128, 160);  
box-shadow:4px 4px 4px 4px rgb(95, 128,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1767, -4.8420, -15.8946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 128, 160) }
```

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

```
.background{ background-color: rgb(95, 128,  
160) }
```

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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