

Converting Colors

HunterLab(43.8603, 7.2883,
-48.3444)

Have a look what the booklet for
HunterLab(43.8603, 7.2883,
-48.3444) contains.

HunterLab(43.8261, 7.4135, -48.4580)	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(43.8261, 7.4135,
-48.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	5177CA
RGB	81, 119, 202
RGB Percent	32%, 47%, 79%
CMY	0.6823, 0.5333, 0.2078
CMYK	0.60, 0.41, 0.00, 0.21
HSL	221°, 53%, 55%
HSV	221°, 60%, 79%
XYZ	20.6509, 19.2073, 58.4961
YIQ	117.1000, -49.2910, 17.7570

Conversions

Conversions Part 2

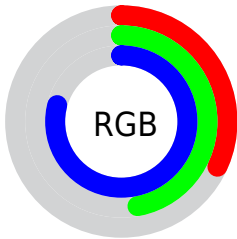
Format	Color
R _Y B	81, 110, 202
Decimal	5339082
CIE Lab	50.93, 12.10, -47.19
CIE LCh	51, 48.718, 284.382
Yxy	19.2079, 0.2100, 0.1953
Android (android.graphics.Color)	4283529162 (0xFF5177CA)
YUV	117.1000, 41.8557, -31.6597
Hunter-Lab	43.8261, 7.4135, -48.4580

Details

The HunterLab color **43.8261, 7.4135, -48.4580** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **63.0109, 0.5495, 31.5106**, and the grayscale version is **42.0736, -2.2449, 2.2859**.

A 20% lighter version of the original color is **64.6798, 6.1980, -46.7601**, and **25.7159, 7.1932, -47.6708** is the 20% darker color. If you saturate the color by 10%, you get **39.2211, 11.6434, -60.0978**, and if you desaturate by 10%, it is **48.7639, 4.0482, -37.8202**.

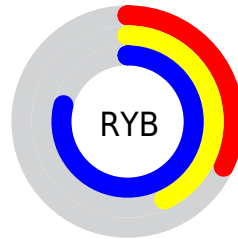
Distribution



Red (32%)

Green (47%)

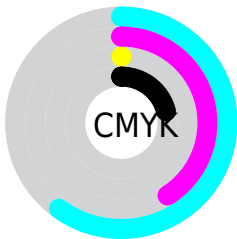
Blue (79%)



Red (32%)

Yellow (43%)

Blue (79%)

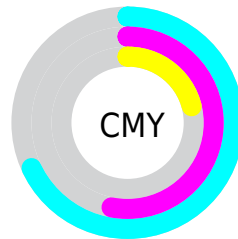


Cyan (60%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (53%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.8261, 7.4135, -48.4580 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 43.8261, 7.4135, -48.4580 by changing the saturation by 10% instead.

■ 43.8261, 7.4135,
-48.4580

■ 43.8261, 7.4135,
-48.4580

157.3512, 6.1812,
-54.3967

■ 34.3811, 7.2258,
-48.0010

■ 64.8730, 7.5468,
-49.7917

■ 25.7325, 6.9388,
-47.9142

■ 76.3831, 7.5099,
-50.5216

■ 17.9628, 6.5327,
-48.6385

■ 88.5033, 7.4131,
-51.2466

■ 11.1855, 5.9780,
-51.3708

■ 101.2044, 7.2614,
-51.9498

■ 3.2079, 16.2661,
-109.8463

114.4609, 7.0592,
-52.6211

0.0000, NaN, -NF

0.0000, NaN, -NF

128.2504, 6.8098,

-53.2546

0.0000, NaN, NaN

142.5531, 6.5163,
-53.8470

0.0000, NaN, NaN

■ 43.8261, 7.4135,
-48.4580

■ 43.8261, 7.4135,
-48.4580

■ 39.2211, 11.6434,
-60.0978

■ 48.7639, 4.0482,
-37.8202

■ 35.0131, 16.8571,
-72.7512

■ 53.9792, 1.4094,
-28.0887

■ 31.2820, 23.0985,
-86.2269

■ 59.4312, -0.6285,
-19.1346

■ 28.0795, 30.1498,
-100.1553

■ 65.0872, -2.1720,
-10.8323

■ 28.0490, 30.2228,
-100.3012

■ 70.9215, -3.3083,
-3.0697

■ 76.9139, -4.1073,
4.2482

■ 83.0478, -4.6248,
11.2002

■ 89.3098, -4.9055,
17.8510

■ 94.8961, -7.7535,
23.4271

Harmonies

Analogous

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



43.8268, -12.0284, -48.0604



43.8261, 7.4135, -48.4580



43.8268, 27.2421, -31.7301

Triad

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



43.8268, 7.4140, -48.4569



43.8268, 27.9620, 20.7771



43.8268, -33.0398, 10.9781

Complementary

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



43.8261, 7.4135, -48.4580



63.0109, 0.5495, 31.5106

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.



43.8268, -25.6994, 21.0461



43.8261, 7.4135, -48.4580



43.8268, 8.2689, 24.7668

Square

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



43.8268, 7.4140, -48.4569



43.8268, 40.4436, 10.3858



43.8268, -11.3107, 24.8370



43.8268, -33.1871, -7.4814

Rectangle

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



43.8261, 7.4135, -48.4580



43.8268, 37.0614, -16.1085



43.8268, -11.3107, 24.8370



43.8268, -31.3984, 15.2233

Sweetspot

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



43.8268, 7.4140, -48.4569



85.9303, -3.1043, -12.3817



68.3081, -38.0424, 11.0690



38.7339, -1.2018, -7.1500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



43.8268, 7.4140, -48.4569



49.2846, 17.1022, -83.1460



36.1176, 31.7772, -68.9157



33.7777, -1.5915, -1.2790



22.8132, 23.3783, -78.9814



6.3622, 2.4876, -13.3224

Inverse Universe

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



44.4684, 45.1320, 4.9209



52.3488, 70.3044, 9.9435



72.4687, -24.8803, 37.8493



33.5719, 1.6232, 1.5938



28.8589, 50.2824, 11.9764



6.6589, 11.8026, 1.2095

Previews

White Background



This preview shows how the HunterLab color 43.8261, 7.4135, -48.4580 looks on a white background.

Color Contrast Check

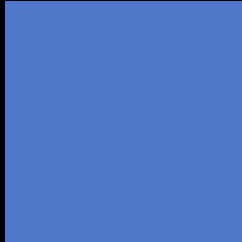
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8261, 7.4135, -48.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

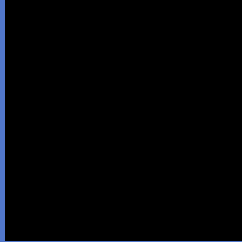
Any Text WCAG AA ✓ Pass

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 43.8261, 7.4135, -48.4580 Background



This preview shows how black text looks on a background with the HunterLab color 43.8261, 7.4135, -48.4580.



This preview shows how white text looks on a background with the HunterLab color 43.8261, 7.4135, -48.4580.

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

43.8261, 7.4135, -48.4580

Protanopia

43.7634, 8.4919, -47.7477

Deuteranopia

43.9652, 3.5180, -47.3668



Tritanopia

43.8632, -17.1222, -7.8631

Trichromacy



Original Color

43.8261, 7.4135, -48.4580

Protanomaly

43.6563, 8.1455, -48.0034

Deuteranomaly

43.8970, 4.7202, -47.5035

Tritanomaly

43.5305, -8.9103, -21.1699

Monochromacy



Original Color

43.8261, 7.4135, -48.4580

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.4712, -0.6376, -12.9524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.8261, 7.4135, -48.4580 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(81, 119, 202)` looks like.

```
.text, #text, p{  
    color:rgb(81, 119, 202)  
}
```

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(81, 119, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 119, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 43.8261, 7.4135, -48.4580 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(81, 119, 202) }
```


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

```
.border{ border-color:rgb(81, 119, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 119, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 119, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 119, 202);  
box-shadow:4px 4px 4px 4px rgb(81, 119,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.8261, 7.4135, -48.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 119, 202) }
```

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

```
.background{ background-color: rgb(81, 119,  
202) }
```

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