

Converting Colors

HunterLab(47.2657, 8.8187,
-60.9781)

Have a look what the booklet for
HunterLab(47.2657, 8.8187,
-60.9781) contains.

HunterLab(47.3130, 8.7695, -60.8581)	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(47.3130, 8.7695,
-60.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	4A80E2
RGB	74, 128, 226
RGB Percent	29%, 50%, 89%
CMY	0.7098, 0.4980, 0.1137
CMYK	0.67, 0.43, 0.00, 0.11
HSL	219°, 72%, 59%
HSV	219°, 67%, 89%
XYZ	24.2707, 22.3852, 74.9931
YIQ	123.0260, -63.6420, 19.0300

Conversions

Conversions Part 2

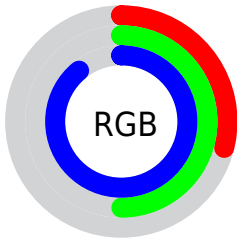
Format	Color
R_{YB}	74, 114, 226
Decimal	4882658
CIE _{Lab}	54.43, 13.62, -55.19
CIE _{LCh}	54, 56.843, 283.866
Yxy	22.3859, 0.1995, 0.1840
Android (android.graphics.Color)	4283072738 (0xFF4A80E2)
YUV	123.0260, 50.7662, -42.9958
Hunter-Lab	47.3130, 8.7695, -60.8581

Details

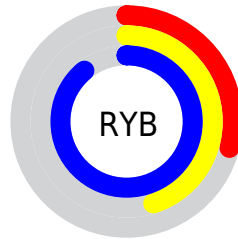
The HunterLab color **47.3130, 8.7695, -60.8581** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **67.9499, 5.4859, 36.3121**, and the grayscale version is **44.3427, -2.3660, 2.4092**.

A 20% lighter version of the original color is **67.2167, 1.0431, -42.0140**, and **29.3932, 10.0455, -58.4242** is the 20% darker color. If you saturate the color by 10%, you get **42.5580, 13.8831, -73.7736**, and if you desaturate by 10%, it is **52.4671, 4.7156, -48.8963**.

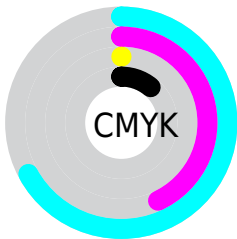
Distribution



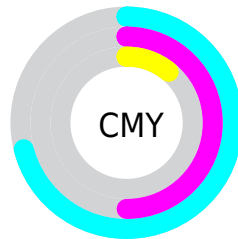
- Red (29%)
- Green (50%)
- Blue (89%)



- Red (29%)
- Yellow (45%)
- Blue (89%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3130, 8.7695, -60.8581 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 47.3130, 8.7695, -60.8581 by changing the saturation by 10% instead.

■ 47.3130, 8.7695,
-60.8581

■ 47.3130, 8.7695,
-60.8581

162.6515, 7.9438,
-67.3663

■ 37.6042, 8.5330,
-60.5621

■ 68.8353, 9.0000,
-62.1092

■ 28.6681, 8.1972,
-60.7711

■ 80.5628, 9.0102,
-62.8712

■ 20.5795, 7.7443,
-61.9975

■ 92.8897, 8.9596,
-63.6591

■ 13.4386, 7.1481,
-65.5224

■ 105.7882, 8.8531,
-64.4476

■ 7.0063, 8.0980,
-80.2343

119.2339, 8.6950,
-65.2209

0.0000, NaN, -NF

0.0000, NaN, -NF

133.2054, 8.4888,

-65.9689

0.0000, NaN, -NF

147.6836, 8.2375,
-66.6854

0.0000, NaN, NaN

■ 47.3130, 8.7695,
-60.8581

■ 47.3130, 8.7695,
-60.8581

■ 42.5580, 13.8831,
-73.7736

■ 52.4671, 4.7156,
-48.8963

■ 38.2703, 20.1412,
-87.5366

■ 57.9576, 1.5813,
-37.8654

■ 34.5198, 27.4852,
-101.8302

■ 63.7356, -0.7755,
-27.6733

■ 33.5705, 29.6068,
-105.8728

■ 69.7615, -2.4836,
-18.2085

■ 76.0035, -3.6522,
-9.3604

■ 82.4359, -4.3712,
-1.0297

■ 89.0382, -4.7133,
6.8699

■ 95.7933, -4.7373,
14.4107

■ 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.



47.3137, -14.4162, -59.9301



47.3130, 8.7695, -60.8581



47.3137, 32.9474, -39.9578

Triad

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



47.3137, 8.7704, -60.8569



47.3137, 34.5660, 23.6994



47.3137, -38.5168, 13.0114

Complementary

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



47.3130, 8.7695, -60.8581



67.9499, 5.4859, 36.3121

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.



47.3137, -29.8936, 24.2370



47.3130, 8.7695, -60.8581



47.3137, 10.6659, 28.0280

Square

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



47.3137, 8.7704, -60.8569



47.3137, 49.6872, 11.7443



47.3137, -12.8548, 28.1600



47.3137, -38.8268, -8.8996

Rectangle

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



47.3130, 8.7695, -60.8581



47.3137, 45.1374, -20.4804



47.3137, -12.8548, 28.1600



47.3137, -36.5832, 17.8406

Sweetspot

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



47.3137, 8.7704, -60.8569



85.0658, -3.8588, -13.5910



76.6563, -47.2865, 16.8890



38.4161, -1.6155, -7.6095

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3137, 8.7704, -60.8569



46.6208, 18.8347, -91.2603



35.7548, 41.3760, -96.5574



37.4647, -1.9647, -1.3007



25.7542, 21.3395, -78.2563



7.9032, 3.0314, -16.4221

Inverse Universe

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



47.5670, 58.2684, 4.8750



49.8113, 77.0177, 10.1942



82.4449, -27.7689, 45.6558



37.1222, 1.9089, 1.5773



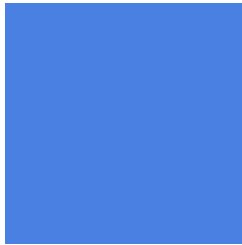
30.9477, 54.1407, 11.1473



8.2493, 14.6258, 1.4652

Previews

White Background



This preview shows how the HunterLab color 47.3130, 8.7695, -60.8581 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 47.3130, 8.7695, -60.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

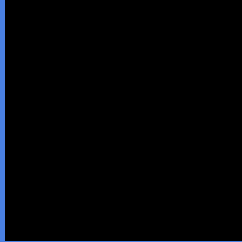
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

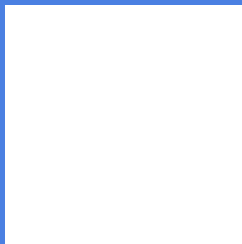
Any Text WCAG AAA × Fail

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

HunterLab 47.3130, 8.7695, -60.8581 Background



This preview shows how black text looks on a background with the HunterLab color 47.3130, 8.7695, -60.8581.



This preview shows how white text looks on a background with the HunterLab color 47.3130, 8.7695, -60.8581.

-60.8581.

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

47.3130, 8.7695, -60.8581

Protanopia

47.2038, 10.9969, -59.2982

Deuteranopia

47.3275, 4.3878, -59.9996



Tritanopia

47.3726, -22.0900, -10.0074

Trichromacy



Original Color

47.3130, 8.7695, -60.8581

Protanomaly

47.3380, 10.1442, -59.8726

Deuteranomaly

47.2887, 5.7112, -60.0736

Tritanomaly

46.8244, -12.4543, -26.7193

Monochromacy



Original Color

47.3130, 8.7695, -60.8581

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.9539, -1.2223, -16.1848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3130, 8.7695, -60.8581 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(74, 128, 226)` looks like.

```
.text, #text, p{  
    color:rgb(74, 128, 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(74, 128, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 128, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3130, 8.7695, -60.8581 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(74, 128, 226) }
```


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

```
.border{ border-color:rgb(74, 128, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 128, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 128, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 128, 226);  
box-shadow:4px 4px 4px 4px rgb(74, 128,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3130, 8.7695, -60.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 128, 226) }
```

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

```
.background{ background-color: rgb(74, 128,  
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](#).

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