

Converting Colors

HunterLab(47.6842, 5.0590,
-48.5279)

Have a look what the booklet for
HunterLab(47.6842, 5.0590,
-48.5279) contains.

HunterLab(47.5964, 5.3968, -48.9935)	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(47.5964, 5.3968,
-48.9935)**

Conversions

Conversions Part 1

Format	Color
Hex	5482D5
RGB	84, 130, 213
RGB Percent	33%, 51%, 84%
CMY	0.6706, 0.4902, 0.1647
CMYK	0.61, 0.39, 0.00, 0.16
HSL	219°, 61%, 58%
HSV	219°, 61%, 84%
XYZ	23.6490, 22.6542, 66.0770
YIQ	125.7080, -54.0590, 16.0610

Conversions

Conversions Part 2

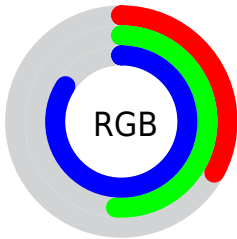
Format	Color
R _Y B	84, 118, 213
Decimal	5538517
CIE Lab	54.72, 9.68, -47.41
CIE LCh	55, 48.383, 281.540
Yxy	22.6549, 0.2104, 0.2016
Android (android.graphics.Color)	4283728597 (0xFF5482D5)
YUV	125.7080, 43.0350, -36.5779
Hunter-Lab	47.5964, 5.3968, -48.9935

Details

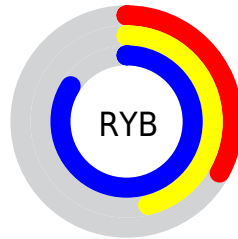
The HunterLab color **47.5964, 5.3968, -48.9935** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **65.1352, 3.4720, 32.5608**, and the grayscale version is **45.4158, -2.4233, 2.4675**.

A 20% lighter version of the original color is **68.5030, 0.7940, -39.6588**, and **28.9024, 5.7084, -48.4483** is the 20% darker color. If you saturate the color by 10%, you get **42.9074, 9.4504, -60.3820**, and if you desaturate by 10%, it is **52.6154, 2.2392, -38.4765**.

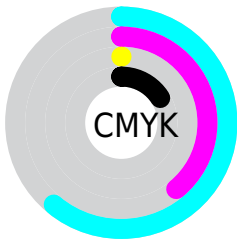
Distribution



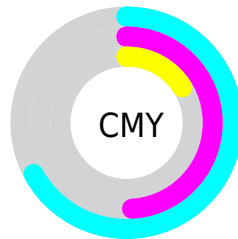
- Red (33%)
- Green (51%)
- Blue (84%)



- Red (33%)
- Yellow (46%)
- Blue (84%)



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5964, 5.3968, -48.9935 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 47.5964, 5.3968, -48.9935 by changing the saturation by 10% instead.

■ 47.5964, 5.3968,
-48.9935

■ 47.5964, 5.3968,
-48.9935

163.0790, 3.0497,
-54.9270

■ 37.8668, 5.3724,
-48.4592

■ 69.1564, 5.2366,
-50.3772

■ 28.9081, 5.2633,
-48.2085

■ 80.9012, 5.0657,
-51.1097

■ 20.7944, 5.0543,
-48.5639

■ 93.2445, 4.8418,
-51.8306

■ 13.6251, 4.7218,
-50.3340

■ 106.1587, 4.5689,
-52.5257

■ 7.2249, 5.4516,
-59.0856

119.6194, 4.2505,
-53.1868

0.0000, NaN, -NF

0.0000, NaN, -NF

133.6054, 3.8896,

-53.8090

0.0000, NaN, -NF

148.0977, 3.4886,
-54.3895

0.0000, NaN, NaN

■ 47.5964, 5.3968,
-48.9935

■ 47.5964, 5.3968,
-48.9935

■ 42.9074, 9.4504,
-60.3820

■ 52.6154, 2.2392,
-38.4765

■ 38.6048, 14.5171,
-72.6395

■ 57.9134, -0.1569,
-28.7644

■ 34.7560, 20.6510,
-85.6102

■ 63.4519, -1.9150,
-19.7570

■ 31.5689, 27.2576,
-98.2997

■ 69.1995, -3.1418,
-11.3512

■ 75.1308, -3.9258,
-3.4519

■ 81.2255, -4.3390,
4.0240

■ 87.4670, -4.4399,
11.1471

■ 93.8414, -4.2754,
17.9765

■ 98.2521, -11.1844,
22.3589

Harmonies

Analogous

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



47.5972, -14.1171, -46.8074



47.5964, 5.3968, -48.9935



47.5972, 25.7370, -33.7279

Triad

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



47.5972, 5.3973, -48.9923



47.5972, 29.7962, 21.0253



47.5972, -33.8017, 12.7796

Complementary

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



47.5964, 5.3968, -48.9935



65.1352, 3.4720, 32.5608

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.



47.5972, -25.4529, 22.6439



47.5964, 5.3968, -48.9935



47.5972, 10.2567, 25.8671

Square

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



47.5972, 5.3973, -48.9923



47.5972, 41.2987, 9.3431



47.5972, -9.9932, 26.3028



47.5972, -34.6636, -5.3233

Rectangle

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



47.5964, 5.3968, -48.9935



47.5972, 36.2023, -18.3463



47.5972, -9.9932, 26.3028



47.5972, -31.8511, 16.9346

Sweetspot

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



47.5972, 5.3973, -48.9923



86.5407, -4.1254, -11.5631



72.2608, -41.7109, 14.3130



39.0607, -1.7497, -6.6990

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5972, 5.3973, -48.9923



50.8630, 13.4263, -78.7057



37.3154, 33.1007, -76.4494



35.6737, -1.8775, -1.2152



25.0269, 20.4000, -75.3190



7.2918, 2.4130, -14.3230

Inverse Universe

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



47.0103, 49.2653, 3.1936



52.2048, 71.9025, 7.3002



77.4198, -24.5656, 40.8512



35.3458, 1.7982, 1.4983



29.9619, 52.4322, 10.6664



7.4632, 13.2608, 1.1034

Previews

White Background



This preview shows how the HunterLab color 47.5964, 5.3968, -48.9935 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 47.5964, 5.3968, -48.9935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

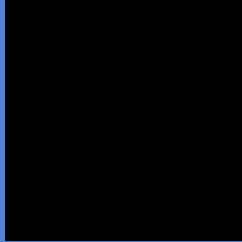
Any Text WCAG AA ✓ Pass

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 47.5964, 5.3968, -48.9935 Background



This preview shows how black text looks on a background with the HunterLab color 47.5964, 5.3968, -48.9935.



This preview shows how white text looks on a background with the HunterLab color 47.5964, 5.3968, -48.9935.

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

47.5964, 5.3968, -48.9935

Protanopia

47.6845, 8.3167, -47.0984

Deuteranopia

47.6434, 4.1104, -48.9097



Tritanopia

47.4857, -18.4709, -9.2344

Trichromacy



Original Color

47.5964, 5.3968, -48.9935

Protanomaly

47.7296, 7.1568, -47.8377

Deuteranomaly

47.7347, 4.4149, -48.6983

Tritanomaly

47.3977, -10.8605, -21.7174

Monochromacy



Original Color

47.5964, 5.3968, -48.9935

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.8551, -1.1605, -13.5899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5964, 5.3968, -48.9935 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(84, 130, 213)` looks like.

```
.text, #text, p{  
    color:rgb(84, 130, 213)  
}
```

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(84, 130, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 130, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5964, 5.3968, -48.9935 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(84, 130, 213) }
```


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

```
.border{ border-color:rgb(84, 130, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 130, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 130, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 130, 213);  
box-shadow:4px 4px 4px 4px rgb(84, 130,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5964, 5.3968, -48.9935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 130, 213) }
```

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

```
.background{ background-color: rgb(84, 130,  
213) }
```

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