

Converting Colors

HunterLab(35.3553, 2.1103,
-48.2107)

Have a look what the booklet for
HunterLab(35.3553, 2.1103,
-48.2107) contains.

HunterLab(35.3751, 1.9351, -47.8830)	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(35.3751, 1.9351,
-47.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	0565B1
RGB	5, 101, 177
RGB Percent	2%, 40%, 69%
CMY	0.9803, 0.6039, 0.3059
CMYK	0.97, 0.43, 0.00, 0.31
HSL	207°, 94%, 36%
HSV	207°, 97%, 69%
XYZ	12.6521, 12.5140, 43.3436
YIQ	80.9600, -81.6120, 3.2840

Conversions

Conversions Part 2

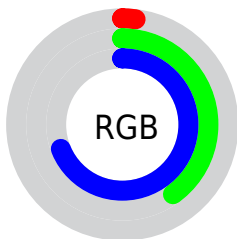
Format	Color
RYB	5, 67, 177
Decimal	353713
CIELab	42.02, 5.20, -47.09
CIElCh	42, 47.373, 276.307
Yxy	12.5143, 0.1847, 0.1827
Android (android.graphics.Color)	4278543793 (0xFF0565B1)
YUV	80.9600, 47.3477, -66.6169
Hunter-Lab	35.3751, 1.9351, -47.8830

Details

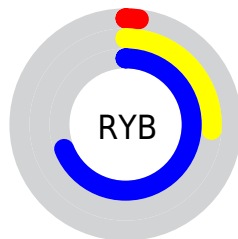
The HunterLab color **35.3751, 1.9351, -47.8830** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.0488, 28.1360, 24.3348**, and the grayscale version is **28.5295, -1.5223, 1.5501**.

A 20% lighter version of the original color is **55.0379, 1.5907, -49.1047**, and **20.4637, 7.8398, -42.5017** is the 20% darker color. If you saturate the color by 10%, you get **34.7213, 2.8648, -49.5828**, and if you desaturate by 10%, it is **37.7531, -1.1373, -42.0807**.

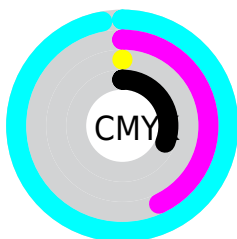
Distribution



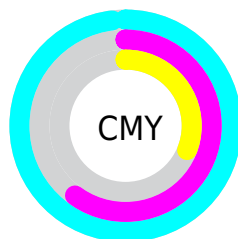
- Red (2%)
- Green (40%)
- Blue (69%)



- Red (2%)
- Yellow (26%)
- Blue (69%)



- Cyan (97%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3751, 1.9351, -47.8830 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 35.3751, 1.9351, -47.8830 by changing the saturation by 10% instead.

■ 35.3751, 1.9351,
-47.8830

■ 35.3751, 1.9351,
-47.8830

■ 144.1462, -1.6654,
-53.7481

■ 26.6364, 2.0725,
-47.7346

■ 55.1620, 1.4663,
-49.0088

■ 18.7659, 2.1282,
-48.3230

■ 66.1000, 1.1481,
-49.7189

■ 11.8731, 2.0836,
-50.7009

■ 77.6783, 0.7815,
-50.4487

■ 4.7315, 4.5404,
-78.1208

■ 89.8633, 0.3702,
-51.1708

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.6262, -0.0826,
-51.8694

0.0000, NaN, NaN

■ 115.9420, -0.5742,

0.0000, NaN, NaN

-52.5350

0.0000, NaN, NaN

129.7885, -1.1025,
-53.1623

■ 35.3751, 1.9351,
-47.8830

■ 35.3751, 1.9351,
-47.8830

■ 34.7213, 2.8648,
-49.5828

■ 37.7531, -1.1373,
-42.0807

■ 40.3415, -3.5720,
-36.3370

■ 43.1403, -5.3411,
-30.6774

■ 46.1362, -6.4776,
-25.1390

■ 49.3140, -7.0327,
-19.7460

■ 52.6580, -7.0651,
-14.5102

■ 56.1534, -6.6335,
-9.4334

■ 59.7868, -5.7928,
-4.5108

■ 63.5458, -4.5928,
0.2666

Harmonies

Analogous

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



35.3756, -14.5776, -42.5293



35.3751, 1.9351, -47.8830



35.3756, 20.6550, -35.4661

Triad

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



35.3756, 1.9360, -47.8821



35.3756, 30.0038, 16.2531



35.3756, -28.0167, 12.6392

Complementary

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



35.3751, 1.9351, -47.8830



39.0488, 28.1360, 24.3348

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.



35.3756, -19.9038, 19.3626



35.3751, 1.9351, -47.8830



35.3756, 12.8850, 20.6141

Square

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



35.3756, 1.9360, -47.8821



35.3756, 38.7931, 5.3077



35.3756, -5.5589, 21.3762



35.3756, -29.8071, -1.8274

Rectangle

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



35.3751, 1.9351, -47.8830



35.3756, 31.1948, -21.2144



35.3756, -5.5589, 21.3762



35.3756, -26.0291, 15.6096

Sweetspot

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



35.3756, 1.9360, -47.8821



74.0368, -9.0641, -14.1948



56.6124, -44.7869, 26.2423



33.5571, -4.3386, -7.9227



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



35.3756, 1.9360, -47.8821



45.9812, 4.7106, -67.6413



18.9535, 43.9787, -117.6691



29.9839, -2.3336, -0.3626



29.7612, 2.0682, -41.6637



6.2664, -1.2507, -5.1324

Inverse Universe

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



32.2429, 57.2601, -1.7698



42.7795, 76.9087, -0.6322



60.3841, -11.9311, 36.8576



29.2951, 1.6726, 0.5577



27.2659, 49.1214, -1.2012



4.9540, 9.1366, -1.8584

Previews

White Background



This preview shows how the HunterLab color 35.3751, 1.9351, -47.8830 looks on a white 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

Black Background



This preview shows how the HunterLab color 35.3751, 1.9351, -47.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

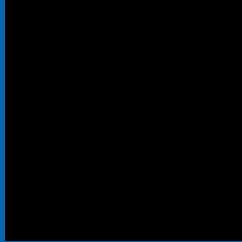
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 35.3751, 1.9351, -47.8830 Background



This preview shows how black text looks on a background with the HunterLab color 35.3751, 1.9351, -47.8830.



This preview shows how white text looks on a background with the HunterLab color 35.3751, 1.9351, -47.8830.

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

35.3751, 1.9351, -47.8830

Protanopia

35.3102, 8.0155, -43.6372

Deuteranopia

35.5543, 2.5379, -47.4104



Tritanopia

35.2650, -17.2378, -6.8668

Trichromacy



Original Color

35.3751, 1.9351, -47.8830

Protanomaly

35.0784, 4.7846, -45.9847

Deuteranomaly

35.4729, 2.2643, -47.6247

Tritanomaly

35.2028, -11.1881, -19.6435

Monochromacy



Original Color

35.3751, 1.9351, -47.8830

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.9955, -4.2285, -14.2508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3751, 1.9351, -47.8830 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(5, 101, 177)` looks like.

```
.text, #text, p{  
    color:rgb(5, 101, 177)  
}
```

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(5, 101, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 101, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3751, 1.9351, -47.8830 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(5, 101, 177) }
```


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

```
.border{ border-color:rgb(5, 101, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 101, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 101, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 101, 177);  
box-shadow:4px 4px 4px 4px rgb(5, 101,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3751, 1.9351, -47.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 101, 177) }
```

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

```
.background{ background-color: rgb(5, 101,  
177) }
```

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