

Converting Colors

HunterLab(34.0102, 35.2271,
-50.9354)

Have a look what the booklet for
HunterLab(34.0102, 35.2271,
-50.9354) contains.

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Color

**HunterLab(34.0120, 35.4180,
-50.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	7A45B1
RGB	122, 69, 177
RGB Percent	48%, 27%, 69%
CMY	0.5216, 0.7294, 0.3059
CMYK	0.31, 0.61, 0.00, 0.31
HSL	269°, 44%, 48%
HSV	269°, 61%, 69%
XYZ	18.0900, 11.5682, 42.8745
YIQ	97.1590, -3.0800, 44.8240

Conversions

Conversions Part 2

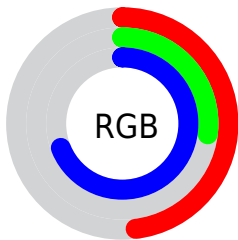
Format	Color
R_{YB}	122, 69, 177
Decimal	8013233
CIE _{Lab}	40.52, 43.98, -49.14
CIE _{LCh}	41, 65.949, 311.830
Yxy	11.5686, 0.2494, 0.1595
Android (android.graphics.Color)	4286203313 (0xFF7A45B1)
YUV	97.1590, 39.3616, 21.7856
Hunter-Lab	34.0120, 35.4180, -50.9307

Details

The HunterLab color $34.0120, 35.4180, -50.9307$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $60.1326, -30.6985, 30.9643$, and the grayscale version is $34.4929, -1.8405, 1.8741$.

A 20% lighter version of the original color is $53.6480, 38.4888, -51.4667$, and $17.6770, 31.5907, -51.4063$ is the 20% darker color. If you saturate the color by 10%, you get $30.1304, 41.7133, -62.5537$, and if you desaturate by 10%, it is $38.4307, 28.8113, -39.9871$.

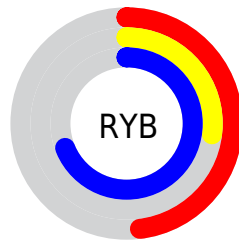
Distribution



Red (48%)

Green (27%)

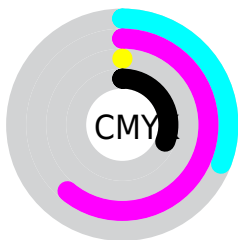
Blue (69%)



Red (48%)

Yellow (27%)

Blue (69%)

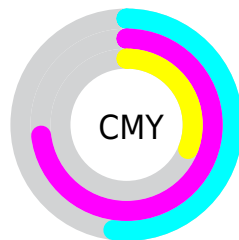


Cyan (31%)

Magenta (61%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (73%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0120, 35.4180, -50.9307 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 34.0120, 35.4180, -50.9307 by changing the saturation by 10% instead.

34.0120, 35.4180, -50.9307

34.0120, 35.4180, -50.9307

141.9605, 46.3224, -56.8302

25.3981, 33.6709, -50.9845

53.5788, 38.5671, -51.9144

17.6663, 31.8513, -51.9957

64.4174, 39.9662, -52.6141

10.9326, 30.1174, -55.3682

75.9020, 41.2565, -53.3536

2.4041, 82.1020, -155.3288

87.9979, 42.4453, -54.0985

0.0000, INF, -NF

0.0000, NaN, -NF

100.6758, 43.5401, -54.8285

0.0000, NaN, NaN

113.9102, 44.5473,

0.0000, NaN, NaN

-55.5314

0.0000, NaN, NaN

127.6784, 45.4729,
-56.2001

■ 34.0120, 35.4180,
-50.9307

■ 34.0120, 35.4180,
-50.9307

■ 30.1304, 41.7133,
-62.5537

■ 38.4307, 28.8113,
-39.9871

■ 26.9023, 47.1571,
-74.2691

■ 43.2830, 22.1881,
-29.9189

■ 24.4394, 50.9750,
-84.9581

■ 48.4893, 15.6791,
-20.7069

■ 22.7904, 52.9573,
-93.2410

■ 53.9886, 9.3262,
-12.2490

■ 59.7342, 3.1293,
-4.4232

■ 65.6910, -2.9293,
2.8850

■ 71.8315, -8.8722,
9.7740

■ 78.1343, -14.7221,
16.3249

■ 84.5824, -20.4994,
22.6032

Harmonies

Analogous

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



34.0126, 8.3333, -77.0596



34.0120, 35.4180, -50.9307



34.0126, 55.1412, -15.1896

Triad

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



34.0126, 35.4178, -50.9294



34.0126, 14.0647, 22.9307



34.0126, -36.6039, -8.6139

Complementary

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



34.0120, 35.4180, -50.9307



60.1326, -30.6985, 30.9643

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.



34.0126, -35.8715, 13.0253



34.0120, 35.4180, -50.9307



34.0126, -10.9003, 23.1608

Square

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



34.0126, 35.4178, -50.9294



34.0126, 40.6174, 20.1821



34.0126, -27.7669, 21.1336



34.0126, -30.1649, -43.3152

Rectangle

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



34.0120, 35.4180, -50.9307



34.0126, 58.8357, 3.2444



34.0126, -27.7669, 21.1336



34.0126, -37.1248, 0.3969

Sweetspot

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



34.0126, 35.4178, -50.9294



74.3034, 10.2148, -13.4789



43.6538, -4.0244, -29.6652



33.5853, 5.8655, -7.7026



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.



34.0126, 35.4178, -50.9294



38.8232, 58.3472, -88.8237



40.7038, 50.6296, -34.6206



29.0311, 1.0023, -1.5084



19.4916, 45.1790, -78.8701



3.9279, 8.5689, -11.7428

Inverse Universe

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



38.8058, 42.0162, -4.4869



47.2200, 66.6148, -4.5423



57.6249, -40.8102, 29.0005



29.2832, 1.6090, 0.7261



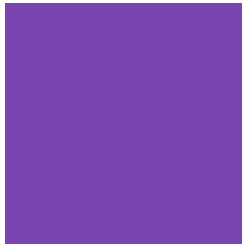
27.0576, 48.3653, 1.7607



4.9204, 9.0162, -1.3926

Previews

White Background



This preview shows how the HunterLab color 34.0120, 35.4180, -50.9307 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 34.0120, 35.4180, -50.9307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

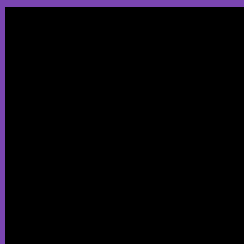
Any Text WCAG AA × Fail

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 34.0120, 35.4180, -50.9307 Background



This preview shows how black text looks on a background with the HunterLab color 34.0120, 35.4180, -50.9307.



This preview shows how white text looks on a background with the HunterLab color 34.0120, 35.4180, -50.9307.

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

34.0120, 35.4180, -50.9307

Protanopia

34.1172, 12.4488, -69.5169

Deuteranopia

34.1471, 2.7426, -45.8075



Tritanopia

33.8966, 3.9209, 0.7438

Trichromacy



Original Color

34.0120, 35.4180, -50.9307

Protanomaly

32.4811, 16.7666, -67.5724

Deuteranomaly

32.7614, 11.8414, -51.1542

Tritanomaly

33.4119, 14.2185, -14.7927

Monochromacy



Original Color

34.0120, 35.4180, -50.9307

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.7445, 10.3378, -13.7072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0120, 35.4180, -50.9307 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(122, 69, 177)` looks like.

```
.text, #text, p{  
    color:rgb(122, 69, 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(122, 69, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 69, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0120, 35.4180, -50.9307 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(122, 69, 177) }
```


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

```
.border{ border-color:rgb(122, 69, 177) }
```

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

Here you see how a box with a 4 pixel rgb(122, 69, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 69, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 69, 177);  
box-shadow:4px 4px 4px 4px rgb(122, 69,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0120, 35.4180, -50.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 69, 177) }
```

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

```
.background{ background-color: rgb(122, 69,  
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](#).

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