

Converting Colors

HunterLab(59.0945, 50.5450,
-34.9877)

Have a look what the booklet for
HunterLab(59.0945, 50.5450,
-34.9877) contains.

HunterLab(59.0370, 50.8737, -34.9908)	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(59.0370, 50.8737,
-34.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	DF79E2
RGB	223, 121, 226
RGB Percent	87%, 47%, 89%
CMY	0.1255, 0.5255, 0.1137
CMYK	0.01, 0.46, 0.00, 0.11
HSL	298°, 64%, 68%
HSV	298°, 46%, 89%
XYZ	50.9962, 34.8537, 75.9910
YIQ	163.4680, 27.0870, 54.2790

Conversions

Conversions Part 2

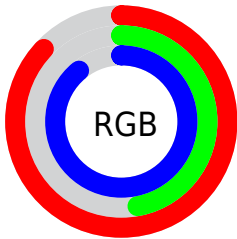
Format	Color
R _Y B	223, 121, 226
Decimal	14645730
CIE Lab	65.64, 54.42, -36.65
CIE LCh	66, 65.609, 326.036
Yxy	34.8552, 0.3151, 0.2154
Android (android.graphics.Color)	4292835810 (0xFFDF79E2)
YUV	163.4680, 30.8283, 52.2096
Hunter-Lab	59.0370, 50.8737, -34.9908

Details

The HunterLab color $59.0370, 50.8737, -34.9908$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $77.4978, -45.8829, 33.1100$, and the grayscale version is $60.5818, -3.2325, 3.2915$.

A 20% lighter version of the original color is $77.1561, 38.0614, -24.4910$, and $38.7603, 47.2485, -33.4622$ is the 20% darker color. If you saturate the color by 10%, you get $54.6701, 62.2458, -43.2549$, and if you desaturate by 10%, it is $64.1164, 38.8904, -26.3467$.

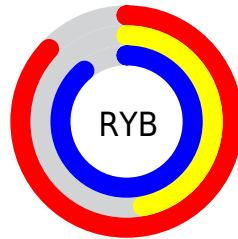
Distribution



Red (87%)

Green (47%)

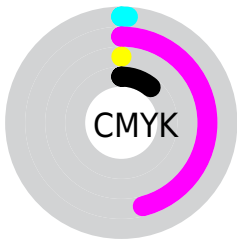
Blue (89%)



Red (87%)

Yellow (47%)

Blue (89%)

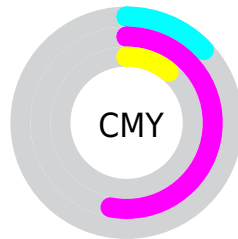


Cyan (1%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (53%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.0370, 50.8737, -34.9908 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 59.0370, 50.8737, -34.9908 by changing the saturation by 10% instead.

59.0370, 50.8737,
-34.9908

59.0370, 50.8737,
-34.9908

179.9802, 62.8432,
-38.9457

48.5298, 49.0593,
-34.3470

82.0131, 54.1757,
-36.1929

38.7313, 47.1431,
-33.7138

94.4100, 55.6742,
-36.7320

29.6988, 45.1423,
-33.1517

107.3755, 57.0774,
-37.2231

21.5037, 43.1164,
-32.7993

120.8854, 58.3906,
-37.6648

14.2423, 41.2456,
-33.0064

134.9188, 59.6191,
-38.0571

7.8988, 41.5127,
-35.7964

149.4568, 60.7677,

0.0000, INF, -NF

-38.4006

0.0000, NaN, -NF

164.4824, 61.8411,
-38.6964

0.0000, NaN, NaN

■ 59.0370, 50.8737,
-34.9908

■ 59.0370, 50.8737,
-34.9908

■ 54.6701, 62.2458,
-43.2549

■ 64.1164, 38.8904,
-26.3467

■ 51.1048, 72.4036,
-50.7181

■ 69.8085, 26.7350,
-17.6268

■ 48.4131, 80.6345,
-56.8737

■ 76.0264, 14.6708,
-9.0085


■ 46.6172, 86.3224,
-61.2754


■ 82.6939, 2.8371,
-0.5830


■ 45.6565, 89.2364,
-63.7420


■ 89.7472, -8.7083,
7.6155

 45.4266, 89.8817,
-64.3452

 96.6031, -19.1523,
15.0307

 96.6575, -18.9553,
15.0925

 96.7120, -18.7578,
15.1545

 96.7667, -18.5598,
15.2166

Harmonies

Analogous

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



59.0383, 23.5068, -67.5320



59.0370, 50.8737, -34.9908



59.0383, 63.7811, -0.5906

Triad

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



59.0383, 50.8716, -34.9889



59.0383, 0.7698, 35.4911



59.0383, -45.5320, -25.2936

Complementary

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



59.0370, 50.8737, -34.9908



77.4978, -45.8829, 33.1100

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.



59.0383, -49.2947, 6.7804



59.0370, 50.8737, -34.9908



59.0383, -25.7881, 33.8453

Square

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



59.0383, 50.8716, -34.9889



59.0383, 31.5211, 32.5306



59.0383, -42.8063, 25.9083



59.0383, -31.3068, -60.2825

Rectangle

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



59.0370, 50.8737, -34.9908



59.0383, 60.9195, 16.1222



59.0383, -42.8063, 25.9083



59.0383, -47.9276, -13.4866

Sweetspot

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



59.0383, 50.8716, -34.9889



88.9420, 13.5868, -8.0233



49.0903, 19.1207, -56.3178



40.3984, 7.6609, -4.6921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.0383, 50.8716, -34.9889



62.7273, 71.2719, -49.5236



57.4624, 42.7638, -6.7627



37.3023, 2.9309, -1.4210



34.3249, 67.9086, -48.5637



9.0722, 17.9297, -12.6906

Inverse Universe

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



55.9466, 35.5877, 14.8872



58.4465, 51.1091, 20.0614



78.3331, -40.6052, 18.7716



37.0228, 1.3738, 2.9966



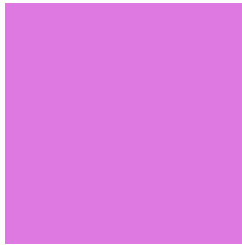
30.3896, 52.0794, 19.3561



8.0150, 13.7638, 4.8858

Previews

White Background



This preview shows how the HunterLab color 59.0370, 50.8737, -34.9908 looks on a white background.

Color Contrast Check

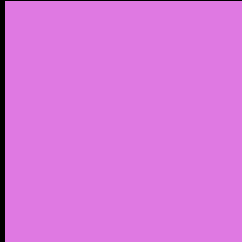
Large Text (above 18pt) WCAG AA × Fail

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 59.0370, 50.8737, -34.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

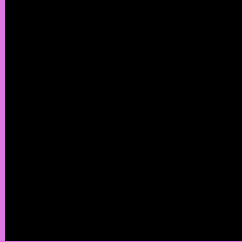
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.0370, 50.8737, -34.9908 Background



This preview shows how black text looks on a background with the HunterLab color 59.0370, 50.8737, -34.9908.



This preview shows how white text looks on a background with the HunterLab color 59.0370, 50.8737, -34.9908.

-34.9908.

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

59.0370, 50.8737, -34.9908

Protanopia

59.5580, 10.0612, -57.3066

Deuteranopia

59.3556, 4.3829, -30.2923



Tritanopia

58.9757, 24.2094, 8.1790

Trichromacy



Original Color

59.0370, 50.8737, -34.9908



Protanomaly

58.1800, 22.7499, -50.9724



Deuteranomaly

58.4659, 20.1270, -33.7025



Tritanomaly

58.6759, 33.6121, -5.2861

Monochromacy



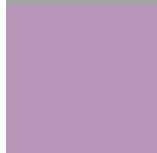
Original Color

59.0370, 50.8737, -34.9908



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

59.1940, 15.4038, -9.7850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0370, 50.8737, -34.9908 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(223, 121, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 121, 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(223, 121, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 121, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0370, 50.8737, -34.9908 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(223, 121, 226) }
```


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

```
.border{ border-color:rgb(223, 121, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 121, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 121, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 121, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 121,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.0370, 50.8737, -34.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 121, 226) }
```

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

```
.background{ background-color: rgb(223,  
121, 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