

# Converting Colors

HunterLab(34.5106, 50.7024,  
-19.4442)

Have a look what the booklet for  
HunterLab(34.5106, 50.7024,  
-19.4442) contains.

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# Color

**HunterLab(34.5358, 50.4905,  
-19.1145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A72D8A
RGB	167, 45, 138
RGB Percent	65%, 18%, 54%
CMY	0.3451, 0.8235, 0.4588
CMYK	0.00, 0.73, 0.17, 0.35
HSL	314°, 58%, 42%
HSV	314°, 73%, 65%
XYZ	21.4621, 11.9272, 25.2157
YIQ	92.0800, 42.8590, 54.7870

# Conversions

## Conversions Part 2

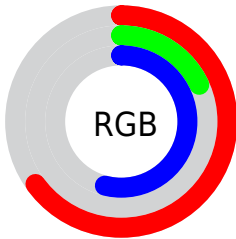
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 45, 138
Decimal	10956170
CIELab	41.10, 58.35, -24.37
CIELCh	41, 63.233, 337.332
Yxy	11.9278, 0.3662, 0.2035
Android (android.graphics.Color)	4289146250 (0xFFA72D8A)
YUV	92.0800, 22.6386, 65.7048
Hunter-Lab	34.5358, 50.4905, -19.1145

# Details

The HunterLab color **34.5358, 50.4905, -19.1145** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **53.5632, -39.9569, 25.1333**, and the grayscale version is **32.6530, -1.7423, 1.7741**.

A 20% lighter version of the original color is **54.1443, 54.6465, -20.2884**, and **20.2091, 38.0951, -13.9669** is the 20% darker color. If you saturate the color by 10%, you get **32.8371, 54.8641, -19.5490**, and if you desaturate by 10%, it is **36.8525, 44.6031, -17.6641**.

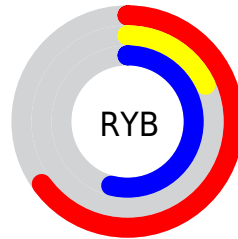
# Distribution



Red (65%)

Green (18%)

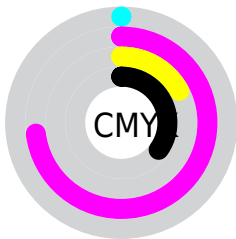
Blue (54%)



Red (65%)

Yellow (18%)

Blue (54%)

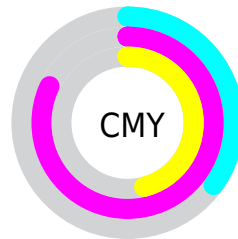


Cyan (0%)

Magenta (73%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (82%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5358, 50.4905, -19.1145 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 34.5358, 50.4905, -19.1145 by changing the saturation by 10% instead.



34.5358, 50.4905,  
-19.1145

34.5358, 50.4905,  
-19.1145

142.8029, 65.6033,  
-21.4361

25.8738, 48.3861,  
-18.5926

54.1882, 54.5294,  
-20.0318

18.0882, 46.3719,  
-18.0912

65.0652, 56.4069,  
-20.4047

11.2926, 44.8342,  
-17.7746

76.5860, 58.1804,  
-20.7170

3.4915, 83.4216,  
-33.6554

88.7165, 59.8518,  
-20.9700

0.0000, INF, -NF

0.0000, NaN, NaN

101.4273, 61.4249,  
-21.1660

0.0000, NaN, NaN

114.6931, 62.9046,

0.0000, NaN, NaN

-21.3073

0.0000, NaN, NaN

128.4916, 64.2958,  
-21.3966

■ 34.5358, 50.4905,  
-19.1145

■ 34.5358, 50.4905,  
-19.1145

■ 32.8371, 54.8641,  
-19.5490

■ 36.8525, 44.6031,  
-17.6641

■ 31.7527, 57.4064,  
-18.9032

■ 39.7439, 37.6700,  
-15.3823

■ 31.2341, 58.4203,  
-18.0408

■ 43.1490, 30.1276,  
-12.4800

■ 47.0004, 22.3115,  
-9.1475

■ 51.2347, 14.4421,  
-5.5318

■ 55.7960, 6.6466,  
-1.7362

■ 60.6374, -1.0124,  
2.1709

■ 65.7204, -8.5118,  
6.1459

■ 71.0134, -15.8512,  
10.1624

# Harmonies

## Analogous

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



34.5367, 30.0313, -52.6950



34.5358, 50.4905, -19.1145



34.5367, 55.3306, 6.9254

# Triad

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



34.5367, 50.4883, -19.1132



34.5367, -7.4212, 23.1978



34.5367, -30.9179, -35.6382

# Complementary

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



34.5358, 50.4905, -19.1145



53.5632, -39.9569, 25.1333

# 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.



34.5367, -36.1926, -4.0644



34.5358, 50.4905, -19.1145



34.5367, -25.1866, 21.5639

# Square

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



34.5367, 50.4883, -19.1132



34.5367, 17.3403, 22.6736



34.5367, -34.4189, 14.6765



34.5367, -17.5830, -65.8988



# Rectangle

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



34.5358, 50.4905, -19.1145



34.5367, 48.1282, 16.3600



34.5367, -34.4189, 14.6765



34.5367, -33.5043, -24.2343

# Sweetspot

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



34.5367, 50.4883, -19.1132



68.9503, 18.6432, -7.0781



24.7028, 34.0675, -71.9291



31.8985, 10.1063, -3.9561



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



34.5367, 50.4883, -19.1132



42.9051, 75.9374, -25.7559



32.6133, 42.7240, 7.8979



27.6327, 1.7994, -0.1334



27.3368, 51.1551, -15.9781



4.3478, 8.2756, -3.6233



# Inverse Universe

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



34.5367, 50.4883, -19.1132



42.9051, 75.9374, -25.7559



54.7083, -32.9734, 8.5044



27.6327, 1.7994, -0.1334



27.3368, 51.1551, -15.9781



4.3478, 8.2756, -3.6233



# Previews

## White Background



This preview shows how the HunterLab color 34.5358, 50.4905, -19.1145 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 34.5358, 50.4905, -19.1145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

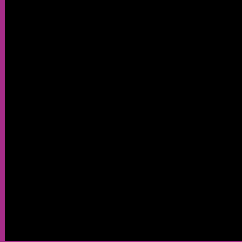
Any Text WCAG AA × Fail

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 34.5358, 50.4905, -19.1145 Background



This preview shows how black text looks on a background with the HunterLab color 34.5358, 50.4905, -19.1145.



This preview shows how white text looks on a background with the HunterLab color 34.5358, 50.4905, -19.1145.

-19.1145.

# 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

34.5358, 50.4905, -19.1145

### Protanopia

35.0426, 9.2744, -50.4021

### Deuteranopia

34.8257, 2.6087, -15.0518



## Tritanopia

34.5376, 31.4694, 11.5993

# Trichromacy



## Original Color

34.5358, 50.4905, -19.1145

## Protanomaly

32.3649, 21.5595, -44.0201

## Deuteranomaly

32.8799, 20.0550, -20.0589

## Tritanomaly

34.1158, 38.0496, 2.8727

# Monochromacy



## Original Color

34.5358, 50.4905, -19.1145

## Achromatopsia

32.7144, -1.7456, 1.7774

## Achromatomaly

31.7147, 17.0152, -7.2073

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 34.5358, 50.4905, -19.1145 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(167, 45, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 45, 138)  
}
```

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(167, 45, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 45, 138) }
```

## Border

The CSS property to change the border of an element to HunterLab 34.5358, 50.4905, -19.1145 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(167, 45, 138) }
```



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

```
.border{ border-color:rgb(167, 45, 138) }
```

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

Here you see how a box with a 4 pixel rgb(167, 45, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 45, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 45, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 45,  
138) }
```

# Background

The CSS property to change the background color of an element to HunterLab 34.5358, 50.4905, -19.1145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 45, 138) }
```

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

```
.background{ background-color: rgb(167, 45,  
138) }
```

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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