

# Converting Colors

HunterLab(38.6395, 50.5432,  
-52.5634)

Have a look what the booklet for  
HunterLab(38.6395, 50.5432,  
-52.5634) contains.

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# Color

**HunterLab(38.7502, 50.4544,  
-52.4335)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E42C1
RGB	158, 66, 193
RGB Percent	62%, 26%, 76%
CMY	0.3804, 0.7412, 0.2431
CMYK	0.18, 0.66, 0.00, 0.24
HSL	283°, 51%, 51%
HSV	283°, 66%, 76%
XYZ	25.6744, 15.0158, 51.9972
YIQ	107.9860, 14.0650, 59.0010

# Conversions

## Conversions Part 2

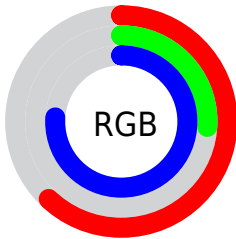
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 66, 193
Decimal	10371777
CIE <sub>Lab</sub>	45.66, 57.46, -50.02
CIE <sub>LCh</sub>	46, 76.181, 318.956
Yxy	15.0164, 0.2770, 0.1620
Android (android.graphics.Color)	4288561857 (0xFF9E42C1)
YUV	107.9860, 41.9119, 43.8623
Hunter-Lab	38.7502, 50.4544, -52.4335

# Details

The HunterLab color **38.7502, 50.4544, -52.4335** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **64.2653, -41.8575, 34.1115**, and the grayscale version is **38.5619, -2.0576, 2.0951**.

A 20% lighter version of the original color is **59.1050, 54.4867, -53.3515**, and **21.6538, 45.6911, -52.7380** is the 20% darker color. If you saturate the color by 10%, you get **35.4981, 57.0900, -61.3936**, and if you desaturate by 10%, it is **42.6797, 42.7003, -43.0410**.

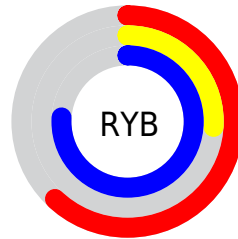
# Distribution



Red (62%)

Green (26%)

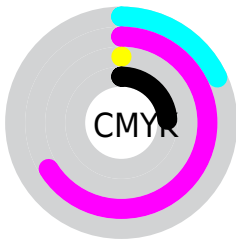
Blue (76%)



Red (62%)

Yellow (26%)

Blue (76%)

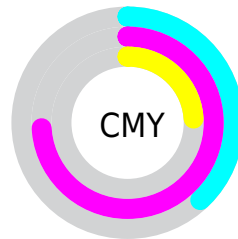


Cyan (18%)

Magenta (66%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (74%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7502, 50.4544, -52.4335 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 38.7502, 50.4544, -52.4335 by changing the saturation by 10% instead.



38.7502, 50.4544,  
-52.4335

38.7502, 50.4544,  
-52.4335

149.4876, 64.9406,  
-58.5223

29.7168, 48.3801,  
-52.2630

59.0609, 54.3631,  
-53.5782

21.5199, 46.3110,  
-52.7691

70.2359, 56.1652,  
-54.3041

14.2564, 44.4633,  
-54.8075

82.0383, 57.8633,  
-55.0551

7.9134, 44.9726,  
-62.4538

94.4365, 59.4607,  
-55.8035

0.0000, INF, -NF

0.0000, NaN, -NF

107.4031, 60.9621,  
-56.5327

0.0000, NaN, -NF

120.9141, 62.3726,

0.0000, NaN, NaN

-57.2325

0.0000, NaN, NaN

134.9486, 63.6972,  
-57.8970

■ 38.7502, 50.4544,  
-52.4335

■ 38.7502, 50.4544,  
-52.4335

■ 35.4981, 57.0900,  
-61.3936

■ 42.6797, 42.7003,  
-43.0410

■ 32.9993, 61.9299,  
-69.2296

■ 47.1890, 34.3864,  
-33.7105

■ 31.2746, 64.4240,  
-75.2478

■ 52.1874, 25.8794,  
-24.7080

■ 30.6748, 65.0831,  
-77.4759

■ 57.5961, 17.3882,  
-16.1413

■ 63.3504, 9.0144,  
-8.0245

■ 69.3988, 0.7967,  
-0.3262

■ 75.7001, -7.2601,  
7.0036

■ 82.2218, -15.1676,  
14.0181

■ 88.9379, -22.9444,  
20.7676

# Harmonies

## Analogous

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



38.7510, 18.0587, -91.0202



38.7502, 50.4544, -52.4335



38.7510, 70.4962, -9.6730

# Triad

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



38.7510, 50.4536, -52.4319



38.7510, 9.3668, 26.7033



38.7510, -42.3546, -19.7435

# Complementary

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



38.7502, 50.4544, -52.4335



64.2653, -41.8575, 34.1115

# 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.



38.7510, -43.4122, 11.0627



38.7502, 50.4544, -52.4335



38.7510, -18.7780, 26.4123

# Square

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



38.7510, 50.4536, -52.4319



38.7510, 42.4815, 24.6983



38.7510, -36.1559, 23.4133



38.7510, -32.6451, -64.3264



# Rectangle

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



38.7502, 50.4544, -52.4335



38.7510, 71.0847, 9.5823



38.7510, -36.1559, 23.4133



38.7510, -43.5966, -7.2316

# Sweetspot

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



38.7510, 50.4536, -52.4319



81.2538, 17.0959, -15.5674



38.0901, 11.2402, -54.8648



36.6294, 9.3914, -8.6426



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



38.7510, 50.4536, -52.4319



45.8943, 79.6265, -87.0611



42.3894, 55.4173, -23.0235



31.7860, 1.7550, -1.4324



25.0994, 53.1861, -62.8705



5.5228, 11.4614, -11.9614



# Inverse Universe

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



40.2168, 46.3065, 7.4405



48.8504, 72.6787, 14.5296



63.3230, -45.0905, 28.4203



31.8159, 1.4626, 1.6544



27.7933, 48.2585, 12.8302

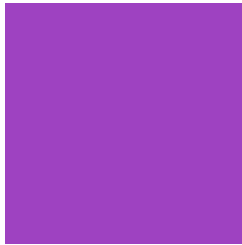


5.8808, 10.4114, 1.1611



# Previews

## White Background



This preview shows how the HunterLab color 38.7502, 50.4544, -52.4335 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

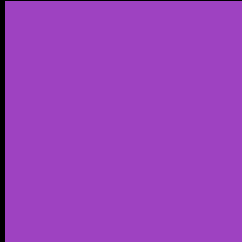
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 38.7502, 50.4544, -52.4335 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

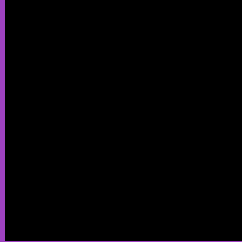
Any Text WCAG AA × Fail

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 38.7502, 50.4544, -52.4335 Background



This preview shows how black text looks on a background with the HunterLab color 38.7502, 50.4544, -52.4335.



This preview shows how white text looks on a background with the HunterLab color 38.7502, 50.4544, -52.4335.



# 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

38.7502, 50.4544, -52.4335

### Protanopia

39.2136, 14.3880, -80.0733

### Deuteranopia

39.2233, 3.0309, -45.1585



## Tritanopia

38.5672, 15.1374, 5.1026

# Trichromacy



## Original Color

38.7502, 50.4544, -52.4335



## Protanomaly

36.1319, 21.6733, -78.4835



## Deuteranomaly

37.2295, 18.2461, -52.5087



## Tritanomaly

38.0150, 26.7632, -11.2834

# Monochromacy



## Original Color

38.7502, 50.4544, -52.4335



## Achromatopsia

38.7246, -2.0663, 2.1040



## Achromatomaly

37.5878, 15.8013, -15.0911

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 38.7502, 50.4544, -52.4335 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(158, 66, 193)` looks like.

```
.text, #text, p{  
    color:rgb(158, 66, 193)  
}
```

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(158, 66, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 66, 193) }
```

## Border

The CSS property to change the border of an element to HunterLab 38.7502, 50.4544, -52.4335 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(158, 66, 193) }
```



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

```
.border{ border-color:rgb(158, 66, 193) }
```

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

Here you see how a box with a 4 pixel rgb(158, 66, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 66, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 66, 193);  
box-shadow:4px 4px 4px 4px rgb(158, 66,  
193) }
```

# Background

The CSS property to change the background color of an element to HunterLab 38.7502, 50.4544, -52.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 66, 193) }
```

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

```
.background{ background-color: rgb(158, 66,  
193) }
```

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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