

# Converting Colors

HunterLab(38.3208, 39.9657,  
8.4240)

Have a look what the booklet for  
HunterLab(38.3208, 39.9657,  
8.4240) contains.

<b>HunterLab(38.4035, 40.1580, 8.3789)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(38.4035, 40.1580,  
8.3789)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B5445D
RGB	181, 68, 93
RGB Percent	71%, 27%, 36%
CMY	0.2902, 0.7333, 0.6353
CMYK	0.00, 0.62, 0.49, 0.29
HSL	347°, 45%, 49%
HSV	347°, 62%, 71%
XYZ	23.0989, 14.7483, 11.9852
YIQ	104.6370, 59.3230, 31.7310

# Conversions

## Conversions Part 2

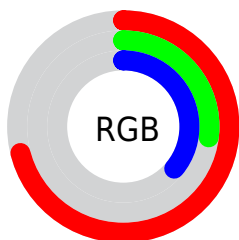
Format	Color
<a href="#">RYB</a>	<a href="#">181, 68, 93</a>
Decimal	<a href="#">11879517</a>
CIELab	<a href="#">45.29, 47.85, 9.82</a>
CIELCh	<a href="#">45, 48.848, 11.597</a>
Yxy	<a href="#">14.7491, 0.4635, 0.2960</a>
Android (android.graphics.Color)	<a href="#">4290069597</a> (0xFFB5445D)
YUV	<a href="#">104.6370, -5.7370, 66.9704</a>
Hunter-Lab	<a href="#">38.4035, 40.1580, 8.3789</a>

# Details

The HunterLab color **38.4035, 40.1580, 8.3789** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **60.5618, -32.5650, 5.9532**, and the grayscale version is **37.4539, -1.9984, 2.0349**.

A 20% lighter version of the original color is **58.6163, 43.8085, 10.6007**, and **21.1691, 36.4316, 6.1499** is the 20% darker color. If you saturate the color by 10%, you get **35.5810, 46.0964, 10.4361**, and if you desaturate by 10%, it is **41.9045, 33.3772, 6.6870**.

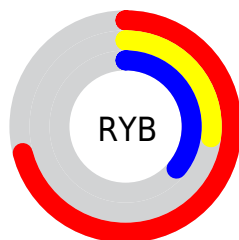
# Distribution



Red (71%)

Green (27%)

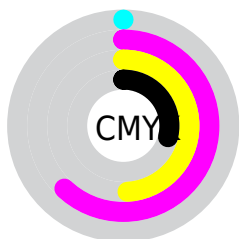
Blue (36%)



Red (71%)

Yellow (27%)

Blue (36%)

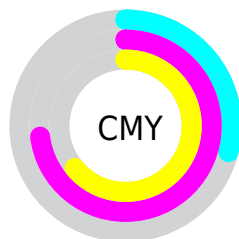


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (29%)



Cyan (29%)

Magenta (73%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4035, 40.1580, 8.3789 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 38.4035, 40.1580, 8.3789 by changing the saturation by 10% instead.





 38.4035, 40.1580,  
8.3789


 38.4035, 40.1580,  
8.3789


148.9438, 51.8539,  
18.5629


 29.3998, 38.3349,  
7.2469


 58.6621, 43.4645,  
10.6084


 21.2353, 36.4399,  
6.0823

 69.8133, 44.9499,  
11.7201

 14.0085, 34.5866,  
4.8565


 81.5932, 46.3291,  
12.8364

 7.6517, 34.8794,  
5.3562

 93.9700, 47.6086,  
13.9601

0.0000, INF, NaN

0.0000, NaN, NaN

 106.9161, 48.7950,  
15.0934

0.0000, NaN, NaN


120.4075, 49.8944,


0.0000, NaN, NaN


16.2376


0.0000, NaN, NaN


134.4230, 50.9123,  
17.3938


 38.4035, 40.1580,  
8.3789


 38.4035, 40.1580,  
8.3789


 35.5810, 46.0964,  
10.4361


 41.9045, 33.3772,  
6.6870


 33.5049, 50.6663,  
12.7343


 45.9904, 26.2126,  
5.3977


 32.1970, 53.4282,  
15.0687


 50.5724, 18.9633,  
4.4961


 31.5867, 54.5789,  
16.6447


 55.5708, 11.7999,  
3.9398

 60.9198, 4.8024,  
3.6785

 66.5659, -2.0039,  
3.6643

 72.4664, -8.6223,  
3.8555

 78.5875, -15.0697,  
4.2175

 84.9020, -21.3683,  
4.7221

# Harmonies

## Analogous

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



38.4045, 38.6130, -10.4254



38.4035, 40.1580, 8.3789



38.4045, 28.8882, 18.6280

# Triad

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



38.4045, 40.1550, 8.3797



38.4045, -23.2214, 19.9384



38.4045, -12.8088, -46.9356

# Complementary

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



38.4035, 40.1580, 8.3789



60.5618, -32.5650, 5.9532

# 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.



38.4045, -25.5154, -28.4572



38.4035, 40.1580, 8.3789



38.4045, -30.6813, 11.4381

# Square

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



38.4045, 40.1550, 8.3797



38.4045, -9.0502, 22.8216



38.4045, -31.4312, -5.4834



38.4045, 5.4879, -49.1439



# Rectangle

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



38.4035, 40.1580, 8.3789



38.4045, 16.6979, 21.7032



38.4045, -31.4312, -5.4834



38.4045, -17.7760, -42.1176

# Sweetspot

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



38.4045, 40.1550, 8.3797



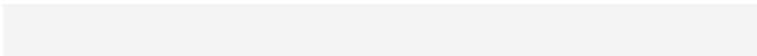
76.5488, 12.8530, 5.1246



37.9522, 45.7830, -44.1067



34.6687, 7.2130, 2.4440



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



38.4045, 40.1550, 8.3797



46.4327, 64.2846, 15.1177



43.5917, 23.9563, 19.8407



29.2148, 1.2409, 1.7019



26.2429, 45.3784, 13.5728



4.7481, 8.3916, 1.0501



# Inverse Universe

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



38.4045, 40.1550, 8.3797



46.4327, 64.2846, 15.1177



51.6296, -15.0853, -18.6522



29.2148, 1.2409, 1.7019



26.2429, 45.3784, 13.5728



4.7481, 8.3916, 1.0501



# Previews

## White Background



This preview shows how the HunterLab color 38.4035, 40.1580, 8.3789 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 38.4035, 40.1580, 8.3789 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

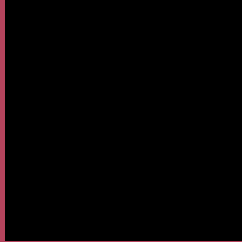
Any Text WCAG AA × Fail

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 38.4035, 40.1580, 8.3789 Background



This preview shows how black text looks on a background with the HunterLab color 38.4035, 40.1580, 8.3789.



This preview shows how white text looks on a background with the HunterLab color 38.4035, 40.1580,



# 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

38.4035, 40.1580, 8.3789

### Protanopia

38.6244, -0.6776, -0.6489

### Deuteranopia

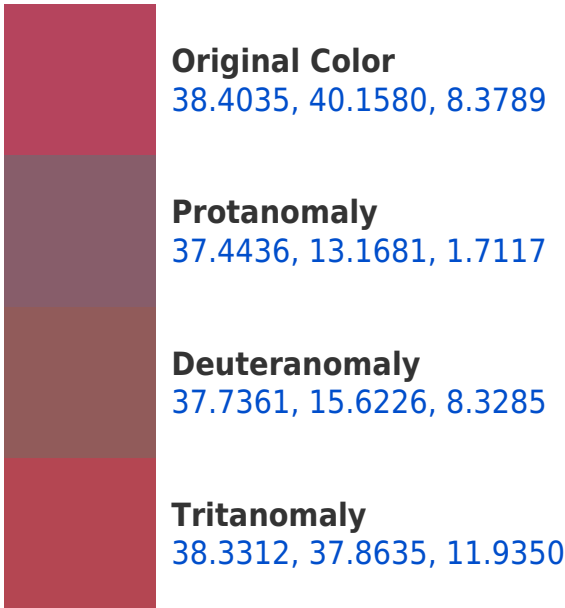
38.6849, 2.2954, 9.7275



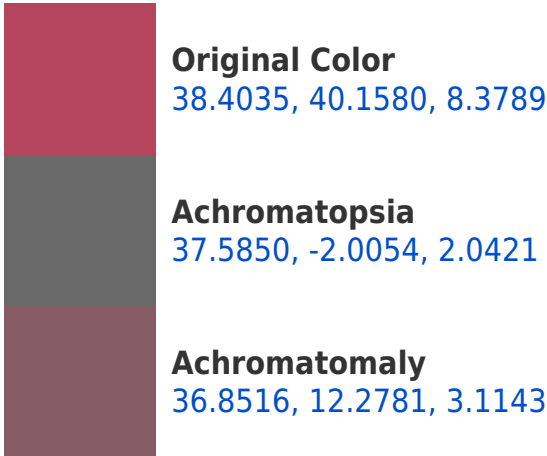
## Tritanopia

38.3817, 36.9141, 13.7347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 38.4035, 40.1580, 8.3789 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(181, 68, 93)` looks like.

```
.text, #text, p{  
    color:rgb(181, 68, 93)  
}
```

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(181, 68, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 68, 93) }
```

## Border

The CSS property to change the border of an element to HunterLab 38.4035, 40.1580, 8.3789 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(181, 68, 93) }
```



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

```
.border{ border-color:rgb(181, 68, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 68, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 68, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 68, 93);  
box-shadow:4px 4px 4px 4px rgb(181, 68,  
93) }
```

# Background

The CSS property to change the background color of an element to HunterLab 38.4035, 40.1580, 8.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 68, 93) }
```

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

```
.background{ background-color: rgb(181, 68,  
93) }
```

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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