

# Converting Colors

HunterLab(36.0976, 41.4072,  
8.5066)

Have a look what the booklet for  
HunterLab(36.0976, 41.4072,  
8.5066) contains.

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# Color

**HunterLab(36.0970, 41.4083,  
8.5068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B03B56
RGB	176, 59, 86
RGB Percent	69%, 23%, 34%
CMY	0.3098, 0.7686, 0.6627
CMYK	0.00, 0.66, 0.51, 0.31
HSL	346°, 50%, 46%
HSV	346°, 66%, 69%
XYZ	21.1482, 13.0299, 10.2045
YIQ	97.0610, 61.0650, 33.2010

# Conversions

## Conversions Part 2

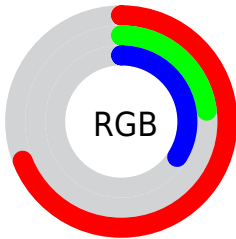
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 59, 86
Decimal	11549526
CIE Lab	42.81, 49.49, 10.55
CIE LCh	43, 50.605, 12.031
Yxy	13.0307, 0.4765, 0.2936
Android (android.graphics.Color)	4289739606 (0xFFB03B56)
YUV	97.0610, -5.4531, 69.2295
Hunter-Lab	36.0970, 41.4083, 8.5068

# Details

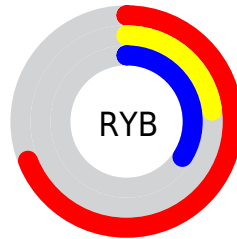
The HunterLab color **36.0970, 41.4083, 8.5068** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **58.4387, -32.7638, 6.5853**, and the grayscale version is **34.6021, -1.8463, 1.8800**.

A 20% lighter version of the original color is **56.0289, 44.8999, 11.0550**, and **20.0291, 35.0997, 6.7464** is the 20% darker color. If you saturate the color by 10%, you get **33.6425, 46.6913, 10.6034**, and if you desaturate by 10%, it is **39.2355, 35.1061, 6.7482**.

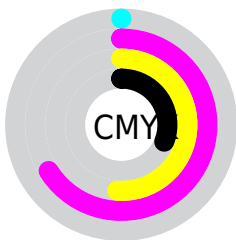
# Distribution



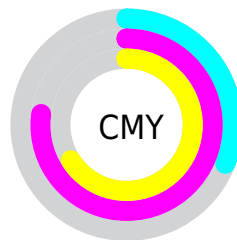
- Red (69%)
- Green (23%)
- Blue (34%)



- Red (69%)
- Yellow (23%)
- Blue (34%)



- Cyan (0%)
- Magenta (66%)
- Yellow (51%)
- Black (31%)



- Cyan (31%)
- Magenta (77%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0970, 41.4083, 8.5068 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 36.0970, 41.4083, 8.5068 by changing the saturation by 10% instead.



36.0970, 41.4083,  
8.5068

36.0970, 41.4083,  
8.5068

145.2976, 53.8200,  
19.0092

27.2941, 39.5147,  
7.3158

55.9990, 44.8810,  
10.8309

19.3517, 37.5806,  
6.0792

66.9887, 46.4510,  
11.9825

12.3770, 35.7839,  
4.8002

78.6159, 47.9133,  
13.1351

5.5769, 44.4142,  
3.9038

90.8474, 49.2738,  
14.2923

0.0000, INF, NaN

0.0000, NaN, NaN

103.6548, 50.5388,  
15.4567

0.0000, NaN, NaN

117.0131, 51.7146,

0.0000, NaN, NaN

16.6301

0.0000, NaN, NaN

130.9005, 52.8066,  
17.8139

■ 36.0970, 41.4083,  
8.5068

■ 36.0970, 41.4083,  
8.5068

■ 33.6425, 46.6913,  
10.6034

■ 39.2355, 35.1061,  
6.7482

■ 31.9224, 50.4591,  
12.8885

■ 42.9726, 28.2723,  
5.3873

■ 30.9148, 52.4448,  
15.1319

■ 47.2211, 21.2525,  
4.4225

■ 30.6390, 52.9838,  
15.8167

■ 51.9001, 14.2582,  
3.8170

■ 56.9410, 7.3975,  
3.5210

■ 62.2877, 0.7131,  
3.4853

■ 67.8954, -5.7884,  
3.6659

■ 73.7282, -12.1189,  
4.0260

■ 79.7576, -18.2981,  
4.5356

# Harmonies

## Analogous

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



36.0980, 40.0068, -10.5413



36.0970, 41.4083, 8.5068



36.0980, 29.5559, 18.3894

# Triad

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



36.0980, 41.4053, 8.5076



36.0980, -23.3497, 19.4613



36.0980, -12.5608, -49.4751

# Complementary

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



36.0970, 41.4083, 8.5068



58.4387, -32.7638, 6.5853

# 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.



36.0980, -25.3321, -30.0723



36.0970, 41.4083, 8.5068



36.0980, -30.6119, 11.1566

# Square

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



36.0980, 41.4053, 8.5076



36.0980, -9.2599, 22.1431



36.0980, -31.2529, -6.0911



36.0980, 6.0402, -51.5279



# Rectangle

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



36.0970, 41.4083, 8.5068



36.0980, 16.9347, 21.1935



36.0980, -31.2529, -6.0911



36.0980, -17.5697, -44.4313

# Sweetspot

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



36.0980, 41.4053, 8.5076



73.9993, 13.5181, 4.8512



35.5314, 47.0402, -45.8214



33.5838, 7.4727, 2.3101



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.



36.0980, 41.4053, 8.5076



44.0403, 65.6728, 15.7812



41.1010, 25.2146, 19.7975



29.2170, 1.2529, 1.6702



26.2592, 45.4386, 13.3328



4.7537, 8.4121, 0.9693



# Inverse Universe

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



36.0980, 41.4053, 8.5076



44.0403, 65.6728, 15.7812



49.2493, -14.6559, -19.3577



29.2170, 1.2529, 1.6702



26.2592, 45.4386, 13.3328



4.7537, 8.4121, 0.9693



# Previews

## White Background



This preview shows how the HunterLab color 36.0970, 41.4083, 8.5068 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 36.0970, 41.4083, 8.5068 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

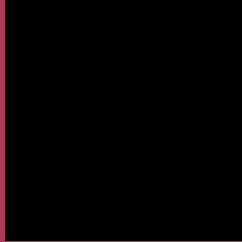
Any Text WCAG AA × Fail

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 36.0970, 41.4083, 8.5068 Background



This preview shows how black text looks on a background with the HunterLab color 36.0970, 41.4083, 8.5068.



This preview shows how white text looks on a background with the HunterLab color 36.0970, 41.4083, 8.5068.



# 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

36.0970, 41.4083, 8.5068

### Protanopia

36.3522, -0.5686, -0.7493

### Deuteranopia

36.3820, 2.1904, 10.0886



## Tritanopia

36.1583, 37.7749, 14.2346

# Trichromacy



## Original Color

36.0970, 41.4083, 8.5068

## Protanomaly

34.9897, 13.6646, 1.3699

## Deuteranomaly

35.3911, 16.2851, 8.7198

## Tritanomaly

36.1298, 38.7346, 12.3096

# Monochromacy



## Original Color

36.0970, 41.4083, 8.5068

## Achromatopsia

34.5743, -1.8448, 1.8785

## Achromatomaly

33.7823, 13.1280, 2.8711

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.0970, 41.4083, 8.5068 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(176, 59, 86)` looks like.

```
.text, #text, p{  
    color:rgb(176, 59, 86)  
}
```

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(176, 59, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 59, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.0970, 41.4083, 8.5068 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(176, 59, 86) }
```



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

```
.border{ border-color:rgb(176, 59, 86) }
```

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

Here you see how a box with a 4 pixel rgb(176, 59, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 59, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 59, 86);  
box-shadow:4px 4px 4px 4px rgb(176, 59,  
86) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.0970, 41.4083, 8.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 59, 86) }
```

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

```
.background{ background-color: rgb(176, 59,  
86) }
```

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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