

# Converting Colors

HunterLab(35.6643, 63.4617,  
4.5536)

Have a look what the booklet for  
HunterLab(35.6643, 63.4617,  
4.5536) contains.

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# Color

**HunterLab(35.6579, 63.4336,  
4.6822)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C50060
RGB	197, 0, 96
RGB Percent	77%, 0%, 38%
CMY	0.2275, 0.9999, 0.6235
CMYK	0.00, 1.00, 0.51, 0.23
HSL	331°, 100%, 39%
HSV	331°, 100%, 77%
XYZ	25.1373, 12.7149, 12.1957
YIQ	69.8470, 86.5960, 71.6200

# Conversions

## Conversions Part 2

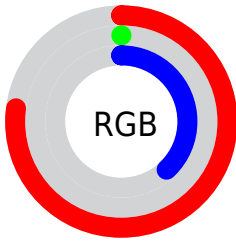
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 0, 96
Decimal	12910688
CIELab	42.33, 69.52, 4.16
CIElCh	42, 69.641, 3.427
Yxy	12.7156, 0.5023, 0.2541
Android (android.graphics.Color)	4291100768 (0xFFC50060)
YUV	69.8470, 12.8934, 111.5132
Hunter-Lab	35.6579, 63.4336, 4.6822

# Details

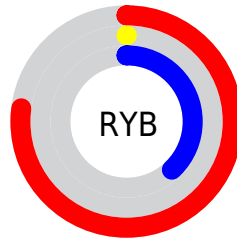
The HunterLab color **35.6579, 63.4336, 4.6822** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **63.9319, -49.5700, 27.1002**, and the grayscale version is **24.6355, -1.3145, 1.3385**.

A 20% lighter version of the original color is **54.7639, 66.3403, 5.4651**, and **23.3763, 41.0178, 7.4688** is the 20% darker color. If you saturate the color by 10%, you get **35.6574, 63.4318, 4.6890**, and if you desaturate by 10%, it is **36.6116, 62.0993, 1.5199**.

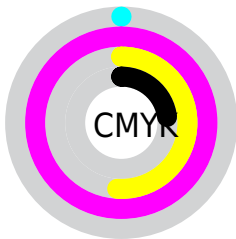
# Distribution



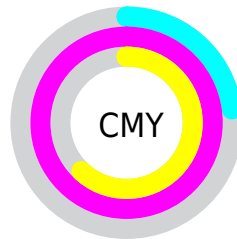
- Red (77%)
- Green (0%)
- Blue (38%)



- Red (77%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (23%)




- Cyan (23%)
- Magenta (100%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6579, 63.4336, 4.6822 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 35.6579, 63.4336, 4.6822 by changing the saturation by 10% instead.





 35.6579, 63.4336,  
4.6822


 35.6579, 63.4336,  
4.6822


144.5984, 81.3140,  
12.3561


 26.8943, 61.1789,  
3.9384


 55.4905, 67.9817,  
6.2324


 18.9954, 59.1799,  
3.2086

 66.4488, 70.1632,  
7.0398

 12.0703, 58.0133,  
2.4845


 78.0464, 72.2549,  
7.8698

 5.0806, 78.6510,  
3.5564

 90.2497, 74.2517,  
8.7225

0.0000, INF, NaN

0.0000, NaN, NaN

 103.0301, 76.1533,  
9.5976

0.0000, NaN, NaN

 116.3626, 77.9621,

0.0000, NaN, NaN

10.4952

0.0000, NaN, NaN

130.2252, 79.6811,  
11.4148

■ 35.6579, 63.4336,  
4.6822

■ 35.6579, 63.4336,  
4.6822

■ 35.6574, 63.4318,  
4.6890

■ 36.6116, 62.0993,  
1.5199

■ 38.2307, 58.8335,  
-1.1337

■ 40.6529, 53.4806,  
-2.9525

■ 43.8496, 46.5374,  
-3.8655

■ 47.7469, 38.5861,  
-3.9302

■ 52.2533, 30.1168,  
-3.2714

■ 57.2787, 21.4674,  
-2.0285

■ 62.7433, 12.8391,  
-0.3275

■ 68.5799, 4.3351,  
1.7296

# Harmonies

## Analogous

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



35.6590, 55.1138, -26.7615



35.6579, 63.4336, 4.6822



35.6590, 50.4968, 19.5136

# Triad

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



35.6590, 63.4296, 4.6832



35.6590, -25.5873, 23.2302



35.6590, -21.7212, -72.7849

# Complementary

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



35.6579, 63.4336, 4.6822



63.9319, -49.5700, 27.1002

# 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.



35.6590, -34.9087, -35.7298



35.6579, 63.4336, 4.6822



35.6590, -36.6472, 17.3909

# Square

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



35.6590, 63.4296, 4.6832



35.6590, -4.8605, 24.5581



35.6590, -39.4900, -1.0379



35.6590, 1.1509, -86.3931



# Rectangle

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



35.6579, 63.4336, 4.6822



35.6590, 33.2643, 22.9479



35.6590, -39.4900, -1.0379



35.6590, -27.1866, -61.7814

# Sweetspot

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



35.6590, 63.4296, 4.6832



76.3192, 29.2852, -2.8097



25.8023, 59.8023, -104.4338



33.9465, 15.8451, -1.6621

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



35.6590, 63.4296, 4.6832



47.6669, 84.6966, 7.0372



34.4546, 58.9988, 22.2618



32.7439, 1.8218, 0.8840



28.9477, 51.5498, 3.3877



6.4141, 11.6347, -0.8966



# Inverse Universe

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



35.6590, 63.4296, 4.6832



47.6669, 84.6966, 7.0372



66.3052, -35.1510, -6.9928



32.7439, 1.8218, 0.8840



28.9477, 51.5498, 3.3877



6.4141, 11.6347, -0.8966



# Previews

## White Background



This preview shows how the HunterLab color 35.6579, 63.4336, 4.6822 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 35.6579, 63.4336, 4.6822 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 35.6579, 63.4336, 4.6822 Background



This preview shows how black text looks on a background with the HunterLab color 35.6579, 63.4336, 4.6822.



This preview shows how white text looks on a background with the HunterLab color 35.6579, 63.4336,



# 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

35.6579, 63.4336, 4.6822

### Protanopia

36.6000, 2.4158, -16.9739

### Deuteranopia

36.3619, 2.4675, 7.3951



## Tritanopia

36.0493, 52.2410, 20.1121

# Trichromacy



## Original Color

35.6579, 63.4336, 4.6822

## Protanomaly

31.3730, 28.2476, -15.5870

## Deuteranomaly

32.1116, 29.7705, 2.0337

## Tritanomaly

35.4558, 56.8745, 15.9243

# Monochromacy



## Original Color

35.6579, 63.4336, 4.6822

## Achromatopsia

24.7479, -1.3205, 1.3446

## Achromatomaly

24.8078, 25.3168, -1.9492

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.6579, 63.4336, 4.6822 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(197, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 96)  
}
```

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(197, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 96) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.6579, 63.4336, 4.6822 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(197, 0, 96) }
```



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

```
.border{ border-color:rgb(197, 0, 96) }
```

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

Here you see how a box with a 4 pixel rgb(197, 0, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 96)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 35.6579, 63.4336, 4.6822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 96) }
```

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

```
.background{ background-color: rgb(197, 0,  
96) }
```

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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