

# Converting Colors

HunterLab(36.2118, -2.9417,  
2.9346)

Have a look what the booklet for  
HunterLab(36.2118, -2.9417, 2.9346)  
contains.

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# Color

HunterLab(36.2118, -2.9417,  
2.9346)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	646663
RGB	100, 102, 99
RGB Percent	39%, 40%, 39%
CMY	0.6078, 0.6000, 0.6118
CMYK	0.02, 0.00, 0.03, 0.60
HSL	100°, 1%, 39%
HSV	100°, 3%, 40%
XYZ	12.2591, 13.1129, 13.6893
YIQ	101.0600, -0.2290, -1.3570

# Conversions

## Conversions Part 2

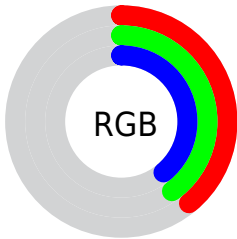
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 102, 101
Decimal	6579811
CIE Lab	42.93, -1.40, 1.42
CIE LCh	43, 1.990, 134.616
Yxy	13.1135, 0.3138, 0.3357
Android (android.graphics.Color)	4284769891 (0xFF646663)
YUV	101.0600, -1.0156, -0.9296
Hunter-Lab	36.2118, -2.9417, 2.9346

# Details

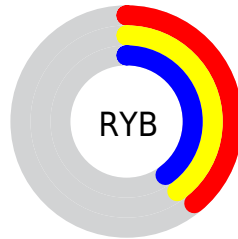
The HunterLab color  $[36.2118, -2.9417, 2.9346]$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $[35.5669, -0.8761, 0.9449]$ , and the grayscale version is  $[36.1015, -1.9263, 1.9615]$ .

A 20% lighter version of the original color is  $[56.1817, -4.0863, 4.0968]$ , and  $[19.3554, -1.8062, 1.5776]$  is the 20% darker color. If you saturate the color by 10%, you get  $[35.4383, -6.2040, 5.9894]$ , and if you desaturate by 10%, it is  $[37.0477, 0.5123, -0.4074]$ .

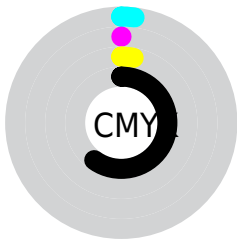
# Distribution



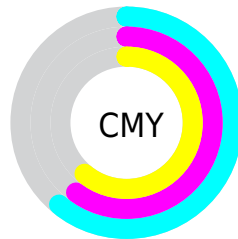
- Red (39%)
- Green (40%)
- Blue (39%)



- Red (39%)
- Yellow (40%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (61%)
- Magenta (60%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2118, -2.9417, 2.9346 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 36.2118, -2.9417, 2.9346 by changing the saturation by 10% instead.



■ 36.2118, -2.9417,  
2.9346

■ 36.2118, -2.9417,  
2.9346

■ 145.4798, -9.3786,  
9.4644

■ 27.3985, -2.3812,  
2.3673

■ 56.1316, -4.1667,  
4.1750

■ 19.4448, -1.8559,  
1.8364

■ 67.1295, -4.8265,  
4.8439

■ 12.4572, -1.3679,  
1.3438

■ 78.7644, -5.5163,  
5.5435

■ 5.6990, -1.3729,  
1.3404

■ 91.0032, -6.2350,  
6.2726

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.8176, -6.9815,  
7.0302

0.0000, NaN, NaN

■ 117.1826, -7.7548,

0.0000, NaN, NaN

131.0765, -8.5541,  
8.6270

■ 36.2118, -2.9417,  
2.9346

■ 36.2118, -2.9417,  
2.9346

■ 35.4383, -6.2040,  
5.9894

■ 37.0477, 0.5123,  
-0.4074

■ 34.7265, -9.2527,  
8.7367

■ 37.9418, 4.1409,  
-4.0184

■ 34.0784, -12.0698,  
11.1612

■ 38.8929, 7.9243,  
-7.8772

■ 33.4950, -14.6382,  
13.2502

■ 39.8987, 11.8442,  
-11.9630

■ 32.9766, -16.9432,  
14.9959

■ 40.9569, 15.8836,  
-16.2556

■ 32.5230, -18.9737,  
16.3963

■ 42.0653, 20.0270,  
-20.7358

■ 32.1334, -20.7230,  
17.4567

■ 43.2215, 24.2600,  
-25.3854

■ 31.8060, -22.1897,  
18.1909

■ 44.4234, 28.5702,  
-30.1876

■ 31.5375, -23.3846,  
18.6352

■ 45.6686, 32.9462,  
-35.1268

# Harmonies

## Analogous

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



36.2126, -2.2977, 3.2750



36.2118, -2.9417, 2.9346



36.2126, -3.3156, 2.3336

# Triad

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



36.2126, -2.9425, 2.9352



36.2126, -2.3163, 0.6219



36.2126, -0.5266, 2.3160

# Complementary

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



36.2118, -2.9417, 2.9346



35.5669, -0.8761, 0.9449

# 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.



36.2126, -0.5317, 1.6049



36.2118, -2.9417, 2.9346



36.2126, -1.5691, 0.6169

# Square

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



36.2126, -2.9425, 2.9352



36.2126, -2.9561, 0.9933



36.2126, -0.9146, 0.9799



36.2126, -0.9008, 2.9225



# Rectangle

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



36.2118, -2.9417, 2.9346



36.2126, -3.3619, 1.8605



36.2126, -0.9146, 0.9799



36.2126, -0.4839, 2.0815

# Sweetspot

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



36.2126, -2.9425, 2.9352



48.1607, -3.0399, 3.0683



36.1020, -1.9390, 2.8254



23.3965, -1.4569, 1.4715



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739



# Same Dimension

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



36.2126, -2.9425, 2.9352



47.8308, -4.4166, 4.3811



36.1475, -3.1443, 2.6504



18.0145, -1.7223, 1.7059



35.5259, -27.4512, 21.4103



80.8637, -63.8227, 48.7105



# Inverse Universe

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



35.5669, -0.8761, 0.9449



46.6366, -0.5944, 0.6997



35.6346, -0.6706, 1.2458



17.5267, -0.1610, 0.2021



16.7035, 35.9811, -46.3826



37.4968, 81.3509, -108.6099



# Previews

## White Background



This preview shows how the HunterLab color 36.2118, -2.9417, 2.9346 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 36.2118, -2.9417, 2.9346 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

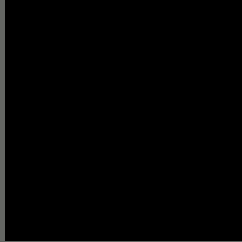
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

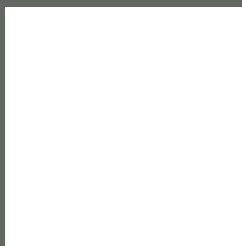
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 36.2118, -2.9417, 2.9346 Background



This preview shows how black text looks on a background with the HunterLab color 36.2118, -2.9417, 2.9346.



This preview shows how white text looks on a background with the HunterLab color 36.2118, -2.9417, 2.9346.



# 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

36.2118, -2.9417, 2.9346

### Protanopia

36.2385, -1.5149, 3.3978

### Deuteranopia

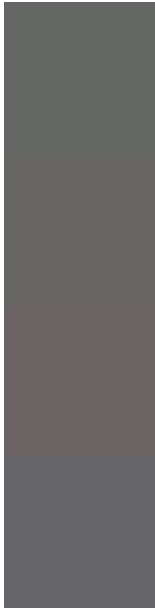
36.1942, 2.4988, 2.5965



## Tritanopia

36.3018, -0.6833, -1.2729

# Trichromacy



## Original Color

36.2118, -2.9417, 2.9346

## Protanomaly

36.1563, -1.8002, 3.2992

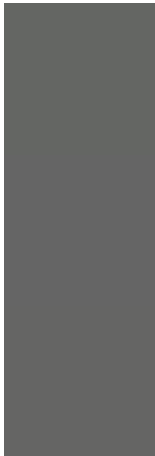
## Deuteranomaly

36.0998, 0.8408, 2.4576

## Tritanomaly

36.1856, -1.3167, 0.3765

# Monochromacy



## Original Color

36.2118, -2.9417, 2.9346

## Achromatopsia

36.0744, -1.9248, 1.9600

## Achromatomaly

36.0474, -2.0729, 2.3455

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.2118, -2.9417, 2.9346 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(100, 102, 99)` looks like.

```
.text, #text, p{  
    color:rgb(100, 102, 99)  
}
```

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(100, 102, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 102, 99) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.2118, -2.9417, 2.9346 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(100, 102, 99) }
```



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

```
.border{ border-color:rgb(100, 102, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 102, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 102, 99); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 102, 99); box-shadow:4px 4px 4px 4px rgb(100, 102, 99) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.2118, -2.9417, 2.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 102, 99) }
```

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

```
.background{ background-color: rgb(100,  
102, 99) }
```

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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