

Converting Colors

HunterLab(37.0127, 50.9010,
-16.6682)

Have a look what the booklet for
HunterLab(37.0127, 50.9010,
-16.6682) contains.

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Color

**HunterLab(37.0127, 50.9010,
-16.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	B0358D
RGB	176, 53, 141
RGB Percent	69%, 21%, 55%
CMY	0.3098, 0.7921, 0.4471
CMYK	0.00, 0.70, 0.20, 0.31
HSL	317°, 54%, 45%
HSV	317°, 70%, 69%
XYZ	23.9853, 13.6994, 26.5794
YIQ	99.8090, 45.0600, 53.4440

Conversions

Conversions Part 2

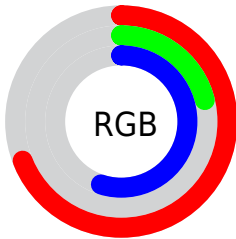
Format	Color
R_{YB}	176, 53, 141
Decimal	11548045
CIE _{Lab}	43.80, 58.21, -21.89
CIE _{LCh}	44, 62.190, 339.389
Yxy	13.7001, 0.3732, 0.2132
Android (android.graphics.Color)	4289738125 (0xFFB0358D)
YUV	99.8090, 20.3072, 66.8195
Hunter-Lab	37.0127, 50.9010, -16.6682

Details

The HunterLab color **37.0127, 50.9010, -16.6682** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **57.0198, -41.0701, 24.8147**, and the grayscale version is **35.5423, -1.8964, 1.9311**.

A 20% lighter version of the original color is **57.0435, 55.3190, -17.5447**, and **21.7908, 40.7836, -12.7885** is the 20% darker color. If you saturate the color by 10%, you get **34.9766, 55.9704, -16.9466**, and if you desaturate by 10%, it is **39.7019, 44.3692, -15.3757**.

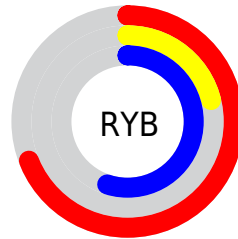
Distribution



Red (69%)

Green (21%)

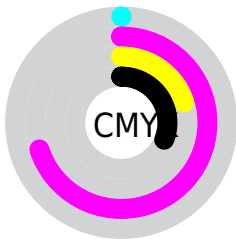
Blue (55%)



Red (69%)

Yellow (21%)

Blue (55%)

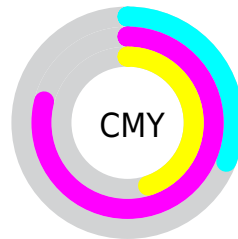


Cyan (0%)

Magenta (70%)

Yellow (20%)

Black (31%)



Cyan (31%)














Magenta (79%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0127, 50.9010, -16.6682 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 37.0127, 50.9010, -16.6682 by changing the saturation by 10% instead.

 37.0127, 50.9010, -16.6682	 37.0127, 50.9010, -16.6682
 146.7505, 65.7510, -18.2023	 28.1289, 48.8023, -16.2016
 57.0578, 54.8855, -17.4233	 20.0971, 46.7440, -15.7064
 68.1123, 56.7306, -17.7064	 13.0206, 45.0039, -15.2646
 79.8008, 58.4719, -17.9274	 6.4858, 50.5574, -17.3448
 92.0905, 60.1118, -18.0893	0.0000, INF, -NF
 104.9534, 61.6548, -18.1949	0.0000, NaN, NaN
 118.3651, 63.1057,	0.0000, NaN, NaN

-18.2471

0.0000, NaN, NaN

132.3038, 64.4695,
-18.2488

■ 37.0127, 50.9010,
-16.6682

■ 37.0127, 50.9010,
-16.6682

■ 34.9766, 55.9704,
-16.9466

■ 39.7019, 44.3692,
-15.3757

■ 33.6077, 59.1681,
-16.1267

■ 42.9867, 36.8837,
-13.2585

■ 32.7725, 60.6830,
-14.4382

■ 46.7971, 28.8800,
-10.5217

■ 32.7633, 60.6992,
-14.4176

■ 51.0604, 20.6734,
-7.3458

■ 55.7106, 12.4611,
-3.8692

■ 60.6908, 4.3508,
-0.1901

■ 65.9538, -3.6083,
3.6254

■ 71.4611, -11.4020,
7.5338

■ 77.1814, -19.0349,
11.5072

Harmonies

Analogous

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



37.0136, 31.5090, -49.4018



37.0127, 50.9010, -16.6682



37.0136, 54.3899, 8.3973

Triad

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



37.0136, 50.8986, -16.6669



37.0136, -9.1042, 24.3234



37.0136, -30.9627, -37.2668

Complementary

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



37.0127, 50.9010, -16.6682



57.0198, -41.0701, 24.8147

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.



37.0136, -36.9939, -5.7561



37.0127, 50.9010, -16.6682



37.0136, -26.6303, 22.2746

Square

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



37.0136, 50.8986, -16.6669



37.0136, 15.4212, 23.9370



37.0136, -35.6368, 14.2326



37.0136, -16.6571, -65.6059

Rectangle

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



37.0127, 50.9010, -16.6682



37.0136, 46.5365, 17.5725



37.0136, -35.6368, 14.2326



37.0136, -33.8388, -26.1049

Sweetspot

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



37.0136, 50.8986, -16.6669



74.0669, 18.4179, -5.9260



27.8372, 35.4189, -69.7108



33.6843, 9.9543, -3.3531



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.



37.0136, 50.8986, -16.6669



45.9644, 78.1172, -22.3868



35.1441, 43.1944, 9.7204



29.3337, 1.8798, 0.0084



28.0827, 52.0595, -12.6054



5.0750, 9.5674, -3.5136

Inverse Universe

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



37.0136, 50.8986, -16.6669



45.9644, 78.1172, -22.3868



58.3002, -33.2986, 6.2748



29.3337, 1.8798, 0.0084



28.0827, 52.0595, -12.6054



5.0750, 9.5674, -3.5136

Previews

White Background



This preview shows how the HunterLab color 37.0127, 50.9010, -16.6682 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 37.0127, 50.9010, -16.6682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

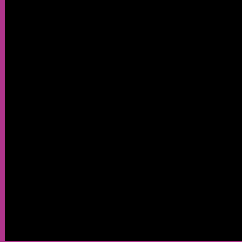
Any Text WCAG AA × Fail

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 37.0127, 50.9010, -16.6682 Background



This preview shows how black text looks on a background with the HunterLab color 37.0127, 50.9010, -16.6682.



This preview shows how white text looks on a background with the HunterLab color 37.0127, 50.9010, -16.6682.

-16.6682.

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

37.0127, 50.9010, -16.6682

Protanopia

37.5501, 8.0419, -44.9003

Deuteranopia

37.2513, 2.8535, -12.8938



Tritanopia

37.0359, 32.7101, 12.1540

Trichromacy



Original Color

37.0127, 50.9010, -16.6682

Protanomaly

35.1355, 21.6268, -38.8488

Deuteranomaly

35.5792, 20.2057, -17.1616

Tritanomaly

36.7033, 38.8900, 3.8212

Monochromacy



Original Color

37.0127, 50.9010, -16.6682

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

34.6605, 17.0561, -6.0890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0127, 50.9010, -16.6682 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, 53, 141)` looks like.

```
.text, #text, p{  
    color:rgb(176, 53, 141)  
}
```

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, 53, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 53, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0127, 50.9010, -16.6682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

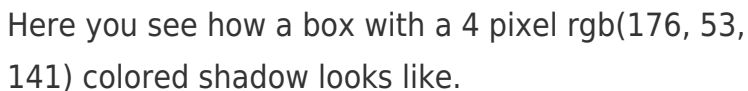
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 53, 141) }
```


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

```
.border{ border-color:rgb(176, 53, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 53, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 53, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 53, 141); box-shadow:4px 4px 4px 4px rgb(176, 53, 141) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0127, 50.9010, -16.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 53, 141) }
```

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

```
.background{ background-color: rgb(176, 53,  
141) }
```

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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