

Converting Colors

HunterLab(60.3010, -36.8468,
17.2367)

Have a look what the booklet for
HunterLab(60.3010, -36.8468,
17.2367) contains.

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Color

**HunterLab(60.3148,
-36.7683, 17.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	49B67E
RGB	73, 182, 126
RGB Percent	29%, 71%, 49%
CMY	0.7137, 0.2863, 0.5059
CMYK	0.60, 0.00, 0.31, 0.29
HSL	149°, 43%, 50%
HSV	149°, 60%, 71%
XYZ	23.2415, 36.3788, 25.5355
YIQ	143.0250, -46.9880, -40.5240

Conversions

Conversions Part 2

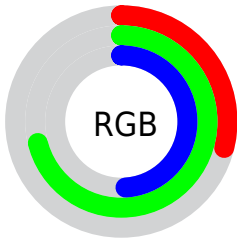
Format	Color
RYB	73, 146, 182
Decimal	4830846
CIELab	66.81, -44.27, 19.44
CIElCh	67, 48.348, 156.295
Yxy	36.3802, 0.2729, 0.4272
Android (android.graphics.Color)	4283020926 (0xFF49B67E)
YUV	143.0250, -8.3933, -61.4119
Hunter-Lab	60.3148, -36.7683, 17.1187

Details

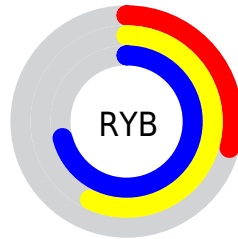
The HunterLab color **60.3148, -36.7683, 17.1187** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **40.3682, 42.7197, -4.8831**, and the grayscale version is **52.4669, -2.7995, 2.8506**.

A 20% lighter version of the original color is **83.5542, -42.8995, 20.4718**, and **39.9677, -29.4862, 13.6961** is the 20% darker color. If you saturate the color by 10%, you get **59.6155, -40.0007, 19.4036**, and if you desaturate by 10%, it is **61.1972, -32.8302, 14.8010**.

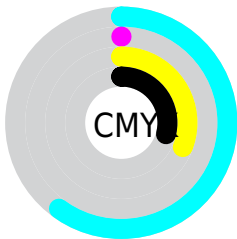
Distribution



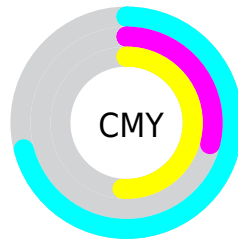
- Red (29%)
- Green (71%)
- Blue (49%)



- Red (29%)
- Yellow (57%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3148, -36.7683, 17.1187 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 60.3148, -36.7683, 17.1187 by changing the saturation by 10% instead.

■ 60.3148, -36.7683,
17.1187

■ 60.3148, -36.7683,
17.1187

181.8294,
-61.5093, 31.4044

■ 49.7272, -33.5583,
15.4288

■ 83.4377, -42.7834,
20.3892

■ 39.8428, -30.1608,
13.6815

■ 95.9028, -45.6383,
21.9884

■ 30.7171, -26.5160,
11.8535

■ 108.9333,
-48.4157, 23.5726

■ 22.4193, -22.5306,
9.9077

■ 122.5057,
-51.1283, 25.1466

■ 15.0422, -18.1588,
7.8993

■ 136.5993,
-53.7864, 26.7142

■ 8.6824, -15.1942,
6.0777

151.1953,

0.0000, NaN, NaN

-56.3983, 28.2782

0.0000, NaN, NaN

166.2771,
-58.9707, 29.8409

0.0000, NaN, NaN

■ 60.3148, -36.7683,
17.1187

■ 60.3148, -36.7683,
17.1187

■ 59.6155, -40.0007,
19.4036

■ 61.1972, -32.8302,
14.8010

■ 59.0856, -42.5349,
21.6224

■ 62.2650, -28.1980,
12.4796

■ 58.7117, -44.4090,
23.7440

■ 63.5222, -22.9048,
10.1840

■ 58.4578, -45.7581,
25.7239

■ 64.9686, -16.9973,
7.9401

■ 58.4552, -45.7719,
25.7446

■ 66.6017, -10.5319,
5.7706

■ 68.4171, -3.5701,
3.6937

■ 70.4089, 3.8244,
1.7237

■ 72.5701, 11.5897,
-0.1294

■ 74.8928, 19.6674,
-1.8593

Harmonies

Analogous

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



60.3160, -25.9153, 27.2551



60.3148, -36.7683, 17.1187



60.3160, -39.2386, -1.2172

Triad

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



60.3160, -36.7690, 17.1192



60.3160, 1.4060, -50.7535



60.3160, 34.0853, 22.3184

Complementary

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



60.3148, -36.7683, 17.1187



40.3682, 42.7197, -4.8831

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.



60.3160, 43.9249, 7.4614



60.3148, -36.7683, 17.1187



60.3160, 23.4194, -38.0916

Square

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



60.3160, -36.7690, 17.1192



60.3160, -19.0451, -45.3265



60.3160, 39.7701, -14.8829



60.3160, 14.4227, 29.4329

Rectangle

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



60.3148, -36.7683, 17.1187



60.3160, -36.1577, -17.0002



60.3160, 39.7701, -14.8829



60.3160, 38.7688, 18.3092

Sweetspot

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



60.3160, -36.7690, 17.1192



87.8086, -21.5541, 10.2206



62.1535, -31.1313, 31.7404



40.9832, -11.2714, 5.2099



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.3160, -36.7690, 17.1192



80.0069, -55.0972, 27.1321



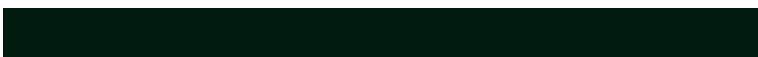
61.7873, -28.0067, -3.9478



31.8291, -4.8504, 2.6985



49.1354, -38.3794, 21.4350



9.2931, -6.7882, 3.0381

Inverse Universe

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



40.3682, 42.7197, -4.8831



49.3065, 68.6238, -5.2451



39.0082, 36.7022, 14.6109



30.1449, 1.6759, 0.7279



27.5700, 49.3108, 1.5652



5.2954, 9.6886, -1.3846

Previews

White Background



This preview shows how the HunterLab color 60.3148, -36.7683, 17.1187 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 60.3148, -36.7683, 17.1187 looks on a black 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 ✓ Pass

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

HunterLab 60.3148, -36.7683, 17.1187 Background



This preview shows how black text looks on a background with the HunterLab color 60.3148, -36.7683, 17.1187.



This preview shows how white text looks on a background with the HunterLab color 60.3148,

-36.7683, 17.1187.

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

60.3148, -36.7683, 17.1187

Protanopia

59.8103, -4.9542, 20.0849

Deuteranopia

59.7272, 4.2013, 15.2072



Tritanopia

60.1914, -20.1430, -10.1274

Trichromacy



Original Color

60.3148, -36.7683, 17.1187



Protanomaly

59.2033, -19.5026, 18.3441



Deuteranomaly

58.8498, -13.9993, 14.7408



Tritanomaly

60.1160, -26.9588, 1.4630

Monochromacy



Original Color

60.3148, -36.7683, 17.1187



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

54.5634, -16.8293, 7.6100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3148, -36.7683, 17.1187 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(73, 182, 126)` looks like.

```
.text, #text, p{  
    color:rgb(73, 182, 126)  
}
```

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(73, 182, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 182, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3148, -36.7683, 17.1187 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(73, 182, 126) }
```


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

```
.border{ border-color:rgb(73, 182, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 182, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 182, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 182, 126);  
box-shadow:4px 4px 4px 4px rgb(73, 182,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3148, -36.7683, 17.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 182, 126) }
```

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

```
.background{ background-color: rgb(73, 182,  
126) }
```

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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