

Converting Colors

HunterLab(60.3314, -36.3853,
16.2440)

Have a look what the booklet for
HunterLab(60.3314, -36.3853,
16.2440) contains.

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Color

**HunterLab(60.3799,
-36.3754, 16.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	49B681
RGB	73, 182, 129
RGB Percent	29%, 71%, 51%
CMY	0.7137, 0.2863, 0.4941
CMYK	0.60, 0.00, 0.29, 0.29
HSL	151°, 43%, 50%
HSV	151°, 60%, 71%
XYZ	23.4380, 36.4573, 26.5705
YIQ	143.3670, -47.9510, -39.5910

Conversions

Conversions Part 2

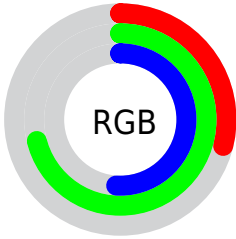
Format	Color
RYB	73, 145, 182
Decimal	4830849
CIELab	66.87, -43.65, 17.90
CIELCh	67, 47.173, 157.706
Yxy	36.4588, 0.2711, 0.4216
Android (android.graphics.Color)	4283020929 (0xFF49B681)
YUV	143.3670, -7.0829, -61.7119
Hunter-Lab	60.3799, -36.3754, 16.1750

Details

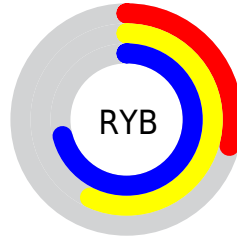
The HunterLab color **60.3799, -36.3754, 16.1750** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **40.2707, 42.2934, -3.5077**, and the grayscale version is **52.5991, -2.8066, 2.8578**.

A 20% lighter version of the original color is **83.6276, -42.4637, 19.4111**, and **40.0036, -29.2652, 13.1742** is the 20% darker color. If you saturate the color by 10%, you get **59.6855, -39.5738, 18.3855**, and if you desaturate by 10%, it is **61.2555, -32.4824, 13.9579**.

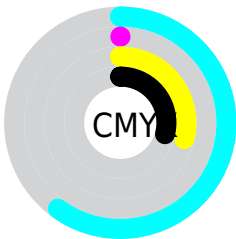
Distribution



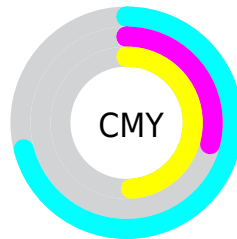
- Red (29%)
- Green (71%)
- Blue (51%)



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



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



- Cyan (71%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3799, -36.3754, 16.1750 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 60.3799, -36.3754, 16.1750 by changing the saturation by 10% instead.

■ 60.3799, -36.3754,
16.1750

■ 60.3799, -36.3754,
16.1750

181.9235,
-60.8399, 29.8124

■ 49.7883, -33.2067,
14.5813

■ 83.5102, -42.3167,
19.2733

■ 39.8995, -29.8545,
12.9390

■ 95.9787, -45.1383,
20.7942

■ 30.7691, -26.2602,
11.2273

■ 109.0125,
-47.8840, 22.3044

■ 22.4661, -22.3320,
9.4127

■ 122.5882,
-50.5666, 23.8081

■ 15.0832, -17.9988,
7.4832

■ 136.6847,
-53.1961, 25.3084

■ 8.7203, -15.2606,
6.1042

151.2837,

0.0000, NaN, NaN

-55.7806, 26.8079

0.0000, NaN, NaN

166.3683,
-58.3266, 28.3087

0.0000, NaN, NaN

■ 60.3799, -36.3754,
16.1750

■ 60.3799, -36.3754,
16.1750

■ 59.6855, -39.5738,
18.3855

■ 61.2555, -32.4824,
13.9579

■ 59.1587, -42.0856,
20.5567

■ 62.3147, -27.9054,
11.7623

■ 58.7861, -43.9494,
22.6573

■ 63.5616, -22.6762,
9.6161

■ 58.5316, -45.2995,
24.6415

■ 64.9962, -16.8399,
7.5435

■ 58.5290, -45.3134,
24.6624

■ 66.6161, -10.4514,
5.5648

■ 68.4169, -3.5710,
3.6961

■ 70.3930, 3.7392,
1.9495

■ 72.5375, 11.4184,
0.3329

■ 74.8427, 19.4091,
-1.1494

Harmonies

Analogous

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



60.3811, -26.0972, 26.5485



60.3799, -36.3754, 16.1750



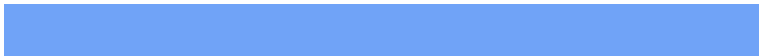
60.3811, -38.4112, -2.1229

Triad

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



60.3811, -36.3761, 16.1756



60.3811, 2.3141, -48.8569



60.3811, 32.3575, 22.4530

Complementary

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



60.3799, -36.3754, 16.1750



40.2707, 42.2934, -3.5077

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.



60.3811, 42.4885, 8.2379



60.3799, -36.3754, 16.1750



60.3811, 23.6571, -35.9329

Square

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



60.3811, -36.3761, 16.1756



60.3811, -17.8635, -44.4601



60.3811, 39.1034, -13.2712



60.3811, 12.9563, 29.2082

Rectangle

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



60.3799, -36.3754, 16.1750



60.3811, -35.1206, -17.5604



60.3811, 39.1034, -13.2712



60.3811, 37.0734, 18.6228

Sweetspot

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



60.3811, -36.3761, 16.1756



87.8432, -21.3582, 9.7255



62.0395, -31.5789, 31.6513



41.0018, -11.1657, 4.9438



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.



60.3811, -36.3761, 16.1756



80.1029, -54.5106, 25.7361



61.8476, -27.6520, -4.8014



31.8356, -4.8141, 2.6055



49.1977, -37.9934, 20.5240



9.3044, -6.7187, 2.8742

Inverse Universe

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



40.2707, 42.2934, -3.5077



49.1503, 67.9934, -3.0395



38.9768, 36.5615, 15.0684



30.1381, 1.6390, 0.8257



27.4588, 48.9059, 3.1554



5.2756, 9.6172, -1.1071

Previews

White Background



This preview shows how the HunterLab color 60.3799, -36.3754, 16.1750 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 60.3799, -36.3754, 16.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

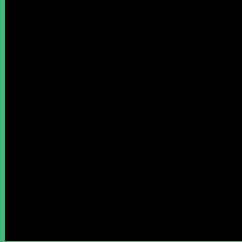
Any Text WCAG AA ✓ Pass

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 60.3799, -36.3754, 16.1750 Background



This preview shows how black text looks on a background with the HunterLab color 60.3799, -36.3754, 16.1750.



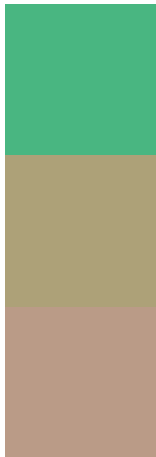
This preview shows how white text looks on a background with the HunterLab color 60.3799, -36.3754, 16.1750.

-36.3754, 16.1750.

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

60.3799, -36.3754, 16.1750

Protanopia

59.7746, -4.9596, 19.1208

Deuteranopia

59.6918, 4.2218, 14.0883



Tritanopia

60.1484, -20.3050, -10.1903

Trichromacy



Original Color

60.3799, -36.3754, 16.1750



Protanomaly

59.2658, -19.1434, 17.4376



Deuteranomaly

58.8417, -13.8899, 13.6555



Tritanomaly

60.1378, -26.7521, 0.5445

Monochromacy



Original Color

60.3799, -36.3754, 16.1750



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

54.5898, -16.6779, 7.2310

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3799, -36.3754, 16.1750 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(73, 182, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 182, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3799, -36.3754, 16.1750 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, 129) }
```


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

```
.border{ border-color:rgb(73, 182, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 182, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 182, 129);  
box-shadow:4px 4px 4px 4px rgb(73, 182,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3799, -36.3754, 16.1750 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, 129) }
```

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

```
.background{ background-color: rgb(73, 182,  
129) }
```

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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