

Converting Colors

HunterLab(64.4914, -16.6653,
29.8360)

Have a look what the booklet for
HunterLab(64.4914, -16.6653,
29.8360) contains.

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Color

**HunterLab(64.4799,
-16.8531, 29.9148)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB35D
RGB	170, 179, 93
RGB Percent	67%, 70%, 36%
CMY	0.3333, 0.2980, 0.6353
CMYK	0.05, 0.00, 0.48, 0.30
HSL	66°, 36%, 53%
HSV	66°, 48%, 70%
XYZ	34.6735, 41.5766, 16.5535
YIQ	166.5050, 22.2420, -28.6540

Conversions

Conversions Part 2

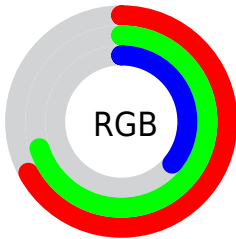
Format	Color
RYB	93, 179, 102
Decimal	11187037
CIELab	70.58, -15.92, 42.53
CIELCh	71, 45.411, 110.521
Yxy	41.5785, 0.3736, 0.4480
Android (android.graphics.Color)	4289377117 (0xFFAAB35D)
YUV	166.5050, -36.2380, 3.0651
Hunter-Lab	64.4799, -16.8531, 29.9148

Details

The HunterLab color $64.4799, -16.8531, 29.9148$ is a dark color, and the websafe version is hex `CCCC66`. A complement of this color would be $37.2950, 18.6448, -44.4962$, and the grayscale version is $62.0988, -3.3134, 3.3739$.

A 20% lighter version of the original color is $88.1997, -19.7703, 35.9945$, and $43.3695, -13.7507, 23.3589$ is the 20% darker color. If you saturate the color by 10%, you get $64.1016, -18.6979, 32.9979$, and if you desaturate by 10%, it is $64.9184, -14.7024, 26.0356$.

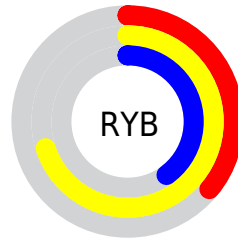
Distribution



Red (67%)

Green (70%)

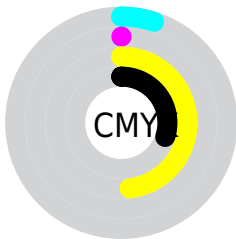
Blue (36%)



Red (36%)

Yellow (70%)

Blue (40%)

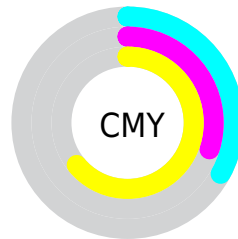


Cyan (5%)

Magenta (0%)

Yellow (48%)

Black (30%)



Cyan (33%)

Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4799, -16.8531, 29.9148 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 64.4799, -16.8531, 29.9148 by changing the saturation by 10% instead.

■ 64.4799, -16.8531,
29.9148

■ 64.4799, -16.8531,
29.9148

187.8117,
-29.6092, 54.2674

■ 53.6389, -15.4066,
26.7604

■ 88.0689, -19.7046,
35.8381

■ 43.4832, -13.9308,
23.4356

■ 100.7500,
-21.1171, 38.6508

■ 34.0643, -12.4140,
19.8992

■ 113.9875,
-22.5266, 41.3862

■ 25.4450, -10.8349,
16.1510

■ 127.7587,
-23.9360, 44.0569

■ 17.7079, -9.1577,
12.3955

142.0437,
-25.3474, 46.6729

■ 10.9680, -7.4019,
7.6776

156.8247,

■ 2.5325, -4.4318,

-26.7625, 49.2423

1.7727

172.0856,
-28.1828, 51.7719

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4799, -16.8531,
29.9148

■ 64.4799, -16.8531,
29.9148

■ 64.1016, -18.6979,
32.9979

■ 64.9184, -14.7024,
26.0356

■ 63.7759, -20.2439,
35.3209

■ 65.4153, -12.2317,
21.3324

■ 63.5006, -21.5113,
36.9355

■ 65.9739, -9.4387,
15.7898

■ 63.2707, -22.5248,
37.9096


■ 66.5957, -6.3224,
9.4010


■ 63.0780, -23.3310,

■ 67.2818, -2.8855,


38.3654


2.1676

 63.0418, -23.4804,
38.4350

 68.0328, 0.8668,
-5.9014

 68.8491, 4.9268,
-14.7903

 69.7307, 9.2849,
-24.4781

 70.6773, 13.9295,
-34.9388

Harmonies

Analogous

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



64.4814, 3.2657, 30.8625



64.4799, -16.8531, 29.9148



64.4814, -31.4647, 23.2935

Triad

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



64.4814, -16.8551, 29.9154



64.4814, -26.9217, -33.2376



64.4814, 40.8642, -3.0653

Complementary

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



64.4799, -16.8531, 29.9148



37.2950, 18.6448, -44.4962

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.



64.4814, 30.3671, -25.6173



64.4799, -16.8531, 29.9148



64.4814, -9.8901, -46.3302

Square

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



64.4814, -16.8551, 29.9154



64.4814, -36.7457, -11.2784



64.4814, 11.1614, -43.1696



64.4814, 38.3827, 15.4577

Rectangle

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



64.4799, -16.8531, 29.9148



64.4814, -36.9406, 14.9366



64.4814, 11.1614, -43.1696



64.4814, 38.6911, -10.4871

Sweetspot

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



64.4814, -16.8551, 29.9154



88.5953, -11.0939, 18.0081



44.4965, 23.5421, 14.0311



41.6193, -5.6316, 9.3107



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



64.4814, -16.8551, 29.9154



85.7392, -25.2321, 44.4916



61.2988, -28.9135, 27.2488



31.4016, -3.1808, 4.8449



53.0087, -19.6778, 32.3192



9.4710, -3.2326, 5.7794

Inverse Universe

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



37.2950, 18.6448, -44.4962



42.2840, 33.7149, -80.4552



41.3132, 29.9246, -35.2281



28.7599, 0.0787, -1.8747



15.5249, 41.4008, -104.8024



2.9932, 7.5435, -16.8063

Previews

White Background



This preview shows how the HunterLab color 64.4799, -16.8531, 29.9148 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 64.4799, -16.8531, 29.9148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

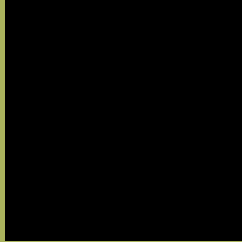
Any Text WCAG AA ✓ Pass

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 64.4799, -16.8531, 29.9148 Background



This preview shows how black text looks on a background with the HunterLab color 64.4799, -16.8531, 29.9148.



This preview shows how white text looks on a background with the HunterLab color 64.4799, -16.8531, 29.9148.

-16.8531, 29.9148.

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

64.4799, -16.8531, 29.9148

Protanopia

64.4900, -7.4927, 30.5078

Deuteranopia

64.1215, 4.7381, 29.1372



Tritanopia

64.3868, 2.2458, -1.0385

Trichromacy



Original Color

64.4799, -16.8531, 29.9148

Protanomaly

64.4204, -10.7953, 30.1877

Deuteranomaly

63.8925, -3.4004, 29.0416

Tritanomaly

64.2801, -5.9870, 12.8900

Monochromacy



Original Color

64.4799, -16.8531, 29.9148

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.7249, -8.9006, 15.0427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4799, -16.8531, 29.9148 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(170, 179, 93)` looks like.

```
.text, #text, p{  
    color:rgb(170, 179, 93)  
}
```

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(170, 179, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 179, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4799, -16.8531, 29.9148 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(170, 179, 93) }
```


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

```
.border{ border-color:rgb(170, 179, 93) }
```

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

Here you see how a box with a 4 pixel rgb(170, 179, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 179, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 179, 93);  
box-shadow:4px 4px 4px 4px rgb(170, 179,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4799, -16.8531, 29.9148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 179, 93) }
```

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

```
.background{ background-color: rgb(170,  
179, 93) }
```

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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