

Converting Colors

HunterLab(64.8753, -16.8890,
29.3430)

Have a look what the booklet for
HunterLab(64.8753, -16.8890,
29.3430) contains.

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Color

**HunterLab(64.8472,
-16.9853, 29.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB461
RGB	170, 180, 97
RGB Percent	67%, 71%, 38%
CMY	0.3333, 0.2941, 0.6196
CMYK	0.06, 0.00, 0.46, 0.29
HSL	67°, 36%, 54%
HSV	67°, 46%, 71%
XYZ	35.0565, 42.0516, 17.5783
YIQ	167.5480, 20.6830, -27.9330

Conversions

Conversions Part 2

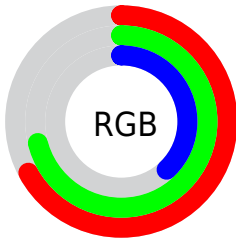
Format	Color
RYB	97, 180, 107
Decimal	11187297
CIELab	70.91, -16.02, 40.94
CIELCh	71, 43.962, 111.377
Yxy	42.0535, 0.3702, 0.4441
Android (android.graphics.Color)	4289377377 (0xFFAAB461)
YUV	167.5480, -34.7802, 2.1504
Hunter-Lab	64.8472, -16.9853, 29.3211

Details

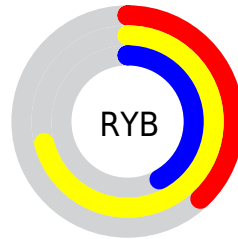
The HunterLab color $64.8472, -16.9853, 29.3211$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $38.6930, 17.9910, -42.0118$, and the grayscale version is $62.5233, -3.3361, 3.3970$.

A 20% lighter version of the original color is $88.5956, -19.8533, 35.2161$, and $43.7001, -13.9598, 23.0347$ is the 20% darker color. If you saturate the color by 10%, you get $64.4322, -18.9914, 32.5632$, and if you desaturate by 10%, it is $65.3239, -14.6683, 25.2732$.

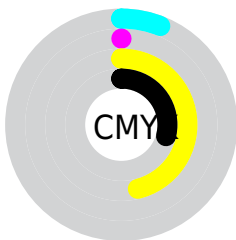
Distribution



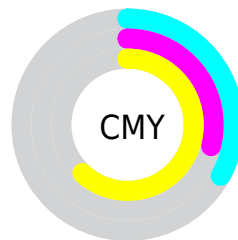
- Red (67%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8472, -16.9853, 29.3211 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 64.8472, -16.9853, 29.3211 by changing the saturation by 10% instead.

■ 64.8472, -16.9853,
29.3211

■ 64.8472, -16.9853,
29.3211

188.3360,
-29.7829, 52.9299

■ 53.9844, -15.5335,
26.2769

■ 88.4763, -19.8469,
35.0459

■ 43.8054, -14.0524,
23.0708

■ 101.1762,
-21.2642, 37.7683

■ 34.3614, -12.5302,
19.6625

■ 114.4315,
-22.6785, 40.4185

■ 25.7146, -10.9459,
16.0091

■ 128.2198,
-24.0925, 43.0084

■ 17.9469, -9.2638,
12.5628

142.5215,
-25.5083, 45.5473

■ 11.1720, -7.4628,
7.8204

157.3185,

■ 3.1701, -5.5477,

-26.9278, 48.0431

2.2191

172.5949,
-28.3523, 50.5022

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8472, -16.9853,
29.3211

■ 64.8472, -16.9853,
29.3211

■ 64.4322, -18.9914,
32.5632

■ 65.3239, -14.6683,
25.2732

■ 64.0716, -20.6923,
35.0328

■ 65.8601, -12.0277,
20.3945

■ 63.7630, -22.1066,
36.7782

■ 66.4593, -9.0625,
14.6721

■ 63.5020, -23.2575,
37.8637


■ 67.1227, -5.7731,
8.1019

■ 63.2820, -24.1798,

■ 67.8512, -2.1633,


38.3824


0.6878

 63.2018, -24.5095,
38.5156

 68.6454, 1.7605,
-7.5591

 69.5054, 5.9898,
-16.6211

 70.4312, 10.5138,
-26.4755

 71.2395, 14.3669,
-34.5895

Harmonies

Analogous

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



64.8487, 2.4468, 30.4150



64.8472, -16.9853, 29.3211



64.8487, -31.0362, 22.5749

Triad

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



64.8487, -16.9872, 29.3217



64.8487, -25.9138, -32.3606



64.8487, 39.4488, -2.2413

Complementary

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



64.8472, -16.9853, 29.3211



38.6930, 17.9910, -42.0118

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.



64.8487, 29.6582, -23.9391



64.8472, -16.9853, 29.3211



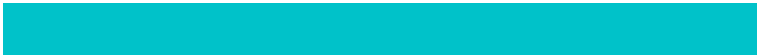
64.8487, -9.1697, -44.4903

Square

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



64.8487, -16.9872, 29.3217



64.8487, -35.7354, -11.3886



64.8487, 11.2679, -41.0105



64.8487, 36.6917, 15.5757

Rectangle

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



64.8472, -16.9853, 29.3211



64.8487, -36.2395, 14.2287



64.8487, 11.2679, -41.0105



64.8487, 37.4766, -9.3738

Sweetspot

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



64.8487, -16.9872, 29.3217



89.6492, -11.4069, 18.1872



45.8443, 21.8096, 14.0039



41.5935, -5.7233, 9.2832



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.



64.8487, -16.9872, 29.3217



86.7681, -25.5298, 43.7816



61.7742, -28.6251, 26.7088



31.3905, -3.2197, 4.8324



52.8174, -20.4053, 32.1886



9.4461, -3.3263, 5.7624

Inverse Universe

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



38.6930, 17.9910, -42.0118



45.0206, 32.0310, -74.8081



42.6130, 29.1445, -33.3142



28.7708, 0.1160, -1.8599



15.5975, 41.4561, -104.2218



3.0364, 7.5831, -16.5117

Previews

White Background



This preview shows how the HunterLab color 64.8472, -16.9853, 29.3211 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 64.8472, -16.9853, 29.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

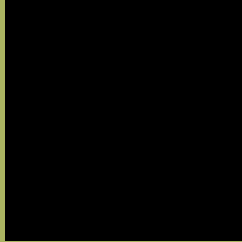
Any Text WCAG AA ✓ Pass

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 64.8472, -16.9853, 29.3211 Background



This preview shows how black text looks on a background with the HunterLab color 64.8472, -16.9853, 29.3211.



This preview shows how white text looks on a background with the HunterLab color 64.8472,

-16.9853, 29.3211.

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

64.8472, -16.9853, 29.3211

Protanopia

64.6450, -6.8350, 29.7846

Deuteranopia

64.5595, 4.8589, 28.7938



Tritanopia

64.7406, 2.0878, -1.6001

Trichromacy



Original Color

64.8472, -16.9853, 29.3211

Protanomaly

64.7785, -10.9522, 29.5957

Deuteranomaly

64.3320, -3.2818, 28.7044

Tritanomaly

64.6291, -6.1927, 12.4640

Monochromacy



Original Color

64.8472, -16.9853, 29.3211

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

63.1610, -8.7995, 14.7427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8472, -16.9853, 29.3211 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, 180, 97)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 97)  
}
```

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, 180, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8472, -16.9853, 29.3211 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, 180, 97) }
```


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

```
.border{ border-color:rgb(170, 180, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 97);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8472, -16.9853, 29.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 97) }
```

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

```
.background{ background-color: rgb(170,  
180, 97) }
```

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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