

Converting Colors

HunterLab(64.4598, -16.1665,
36.4499)

Have a look what the booklet for
HunterLab(64.4598, -16.1665,
36.4499) contains.

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Color

**HunterLab(64.4622,
-16.1675, 36.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B234
RGB	178, 178, 52
RGB Percent	70%, 70%, 20%
CMY	0.3020, 0.3019, 0.7961
CMYK	0.00, 0.00, 0.71, 0.30
HSL	60°, 55%, 45%
HSV	60°, 71%, 70%
XYZ	34.9004, 41.5538, 9.4301
YIQ	163.6360, 40.4460, -39.1860

Conversions

Conversions Part 2

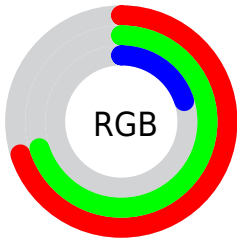
Format	Color
RYB	52, 178, 52
Decimal	11711028
CIELab	70.56, -15.07, 60.76
CIELCh	71, 62.599, 103.933
Yxy	41.5557, 0.4064, 0.4838
Android (android.graphics.Color)	4289901108 (0xFFB2B234)
YUV	163.6360, -55.0365, 12.5972
Hunter-Lab	64.4622, -16.1675, 36.4501

Details

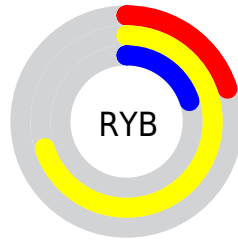
The HunterLab color **64.4622, -16.1675, 36.4501** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **25.3008, 31.0814, -82.5749**, and the grayscale version is **60.9882, -3.2542, 3.3136**.

A 20% lighter version of the original color is **87.8477, -18.8445, 44.4134**, and **43.6569, -13.0784, 26.6722** is the 20% darker color. If you saturate the color by 10%, you get **64.3617, -16.7489, 37.9578**, and if you desaturate by 10%, it is **64.6123, -15.3272, 34.2580**.

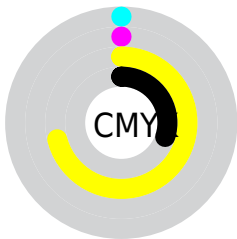
Distribution



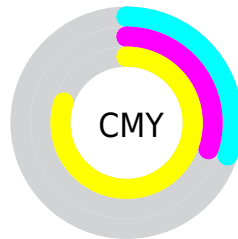
- Red (70%)
- Green (70%)
- Blue (20%)



- Red (20%)
- Yellow (70%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (30%)



- Cyan (30%)
- Magenta (30%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4622, -16.1675, 36.4501 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 64.4622, -16.1675, 36.4501 by changing the saturation by 10% instead.

64.4622, -16.1675,
36.4501

64.4622, -16.1675,
36.4501

187.7865,
-28.5878, 69.2845

53.6223, -14.7691,
32.0926

88.0493, -18.9321,
44.5912

43.4678, -13.3450,
27.5030

100.7295,
-20.3044, 48.4270

34.0500, -11.8845,
22.7175

113.9661,
-21.6757, 52.1355

25.4321, -10.3680,
17.8024

127.7365,
-23.0484, 55.7339

17.6964, -8.7621,
12.3875

142.0207,
-24.4246, 59.2368

10.9582, -7.0651,
7.6708

156.8010,

2.4977, -4.3709,

-25.8057, 62.6563

1.7484

172.0611,
-27.1931, 66.0026

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4622, -16.1675,
36.4501

■ 64.4622, -16.1675,
36.4501

■ 64.3617, -16.7489,
37.9578

■ 64.6123, -15.3272,
34.2580

■ 64.3010, -17.0942,
38.8560

■ 64.8120, -14.1986,
31.3205

■ 64.2709, -17.2655,
39.3011

■ 65.0663, -12.7662,
27.5919

■ 65.3784, -11.0166,
23.0376

■ 65.7506, -8.9406,

17.6329

■ 66.1852, -6.5323,
11.3633

■ 66.6836, -3.7897,
4.2225

■ 67.2472, -0.7134,
-3.7872

■ 67.8768, 2.6926,
-12.6561

Harmonies

Analogous

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



64.4637, 12.5099, 36.2720



64.4622, -16.1675, 36.4501



64.4637, -37.3626, 30.9757

Triad

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



64.4637, -16.1697, 36.4506



64.4637, -38.4885, -44.4214



64.4637, 58.4403, -12.7307

Complementary

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



64.4622, -16.1675, 36.4501



25.3008, 31.0814, -82.5749

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.



64.4637, 39.3681, -46.7389



64.4622, -16.1675, 36.4501



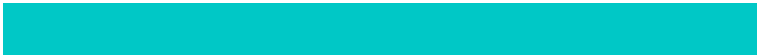
64.4637, -17.9813, -69.8165

Square

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



64.4637, -16.1697, 36.4506



64.4637, -48.6428, -10.4164



64.4637, 10.3545, -70.8128



64.4637, 59.1566, 14.8874

Rectangle

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



64.4622, -16.1675, 36.4501



64.4637, -45.8132, 22.5386



64.4637, 10.3545, -70.8128



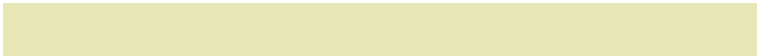
64.4637, 53.8314, -24.0025

Sweetspot

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



64.4637, -16.1697, 36.4506



88.5084, -12.2133, 24.1973



34.8855, 42.3568, 16.7153



41.5926, -6.1248, 12.3687



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.



64.4637, -16.1697, 36.4506



86.6166, -22.8541, 51.8944



59.7795, -34.1088, 33.0160



31.4748, -2.9227, 4.9282



54.3637, -14.6041, 33.2430



9.6431, -2.5904, 5.8967

Inverse Universe

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



25.3008, 31.0814, -82.5749



27.1550, 56.6991, -149.0449



30.5223, 42.1186, -62.2777



28.6883, -0.1667, -1.9720



15.1656, 41.1364, -107.7557



2.6902, 7.2969, -19.1130

Previews

White Background



This preview shows how the HunterLab color 64.4622, -16.1675, 36.4501 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 64.4622, -16.1675, 36.4501 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 64.4622, -16.1675, 36.4501 Background



This preview shows how black text looks on a background with the HunterLab color 64.4622, -16.1675, 36.4501.



This preview shows how white text looks on a background with the HunterLab color 64.4622, -16.1675, 36.4501.

-16.1675, 36.4501.

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

64.4622, -16.1675, 36.4501

Protanopia

64.3922, -8.6410, 36.6431

Deuteranopia

64.3780, 4.7143, 36.1870



Tritanopia

64.3008, 6.1737, 0.4055

Trichromacy



Original Color

64.4622, -16.1675, 36.4501

Protanomaly

64.4906, -11.3711, 36.6603

Deuteranomaly

64.1937, -3.2412, 36.1608

Tritanomaly

63.8414, -3.7525, 18.6647

Monochromacy



Original Color

64.4622, -16.1675, 36.4501

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.8393, -9.7157, 19.9686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4622, -16.1675, 36.4501 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(178, 178, 52)` looks like.

```
.text, #text, p{  
    color:rgb(178, 178, 52)  
}
```

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(178, 178, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 178, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4622, -16.1675, 36.4501 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(178, 178, 52) }
```


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

```
.border{ border-color:rgb(178, 178, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 178, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 178, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 178, 52);  
box-shadow:4px 4px 4px 4px rgb(178, 178,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4622, -16.1675, 36.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 178, 52) }
```

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

```
.background{ background-color: rgb(178,  
178, 52) }
```

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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