

Converting Colors

HunterLab(64.8830, -8.0601,
36.8311)

Have a look what the booklet for
HunterLab(64.8830, -8.0601,
36.8311) contains.

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Color

**HunterLab(64.9016, -8.3463,
36.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AE34
RGB	195, 174, 52
RGB Percent	76%, 68%, 20%
CMY	0.2353, 0.3176, 0.7961
CMYK	0.00, 0.11, 0.73, 0.24
HSL	51°, 58%, 48%
HSV	51°, 73%, 76%
XYZ	38.2616, 42.1222, 9.3626
YIQ	166.3710, 51.6780, -33.4900

Conversions

Conversions Part 2

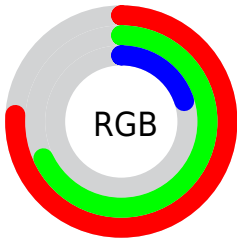
Format	Color
RYB	77, 195, 52
Decimal	12824116
CIELab	70.96, -5.62, 61.65
CIElCh	71, 61.902, 95.212
Yxy	42.1242, 0.4263, 0.4693
Android (android.graphics.Color)	4291014196 (0xFFC3AE34)
YUV	166.3710, -56.3849, 25.1076
Hunter-Lab	64.9016, -8.3463, 36.8780

Details

The HunterLab color **64.9016, -8.3463, 36.8780** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **30.7168, 25.5629, -80.2808**, and the grayscale version is **62.1154, -3.3143, 3.3749**.

A 20% lighter version of the original color is **88.5213, -9.9019, 45.0564**, and **43.9572, -6.1021, 26.9794** is the 20% darker color. If you saturate the color by 10%, you get **63.9443, -7.6041, 37.9684**, and if you desaturate by 10%, it is **65.9210, -8.7960, 35.0279**.

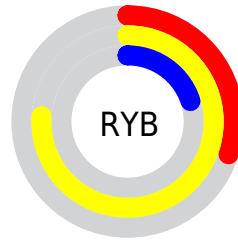
Distribution



Red (76%)

Green (68%)

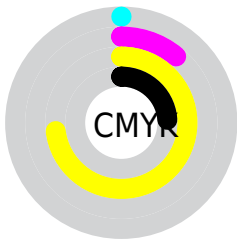
Blue (20%)



Red (30%)

Yellow (76%)

Blue (20%)

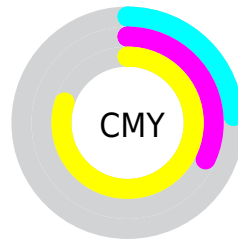


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9016, -8.3463, 36.8780 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 64.9016, -8.3463, 36.8780 by changing the saturation by 10% instead.

64.9016, -8.3463,
36.8780

64.9016, -8.3463,
36.8780

188.4138,
-17.0817, 70.0917

54.0357, -7.4701,
32.4716

88.5367, -10.1589,
45.1135

43.8532, -6.6072,
27.8324

101.2393,
-11.0914, 48.9943

34.4055, -5.7577,
23.0033

114.4973,
-12.0428, 52.7462

25.7547, -4.9174,
18.0283

128.2882,
-13.0130, 56.3866

17.9824, -4.0788,
12.5877

142.5923,
-14.0022, 59.9300

11.2023, -3.2265,
7.8416

157.3917,

3.2540, -5.6945,

-15.0101, 63.3887

2.2778

172.6704,
-16.0366, 66.7730

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9016, -8.3463,
36.8780

■ 64.9016, -8.3463,
36.8780

■ 63.9443, -7.6041,
37.9684

■ 65.9210, -8.7960,
35.0279

■ 63.0394, -6.5918,
38.3709

■ 67.0011, -8.9254,
32.3702

■ 62.4574, -5.8166,
38.3841

■ 68.1459, -8.7241,
28.8780

■ 69.3566, -8.1850,
24.5387

■ 70.6338, -7.3053,

19.3515

■ 71.9779, -6.0864,
13.3247

■ 73.3884, -4.5325,
6.4745

■ 74.8648, -2.6505,
-1.1771

■ 76.4060, -0.4494,
-9.6036

Harmonies

Analogous

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



64.9031, 21.0276, 35.1954



64.9016, -8.3463, 36.8780



64.9031, -32.0242, 33.2400

Triad

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



64.9031, -8.3489, 36.8785



64.9031, -42.2972, -34.0824



64.9031, 53.8624, -22.2103

Complementary

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



64.9016, -8.3463, 36.8780



30.7168, 25.5629, -80.2808

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.



64.9031, 31.0826, -54.7825



64.9016, -8.3463, 36.8780



64.9031, -24.7930, -63.4535

Square

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



64.9031, -8.3489, 36.8785



64.9031, -49.3524, -1.3610



64.9031, 1.5645, -72.3162



64.9031, 60.2916, 8.0730

Rectangle

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



64.9016, -8.3463, 36.8780



64.9031, -42.4705, 26.7158



64.9031, 1.5645, -72.3162



64.9031, 47.6923, -33.6007

Sweetspot

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



64.9031, -8.3489, 36.8785



94.7029, -9.6354, 25.1495



38.1386, 50.0377, 14.4546



44.0908, -4.6886, 12.7353

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9031, -8.3489, 36.8785



84.8375, -9.3986, 51.2397



67.3002, -33.4236, 38.0223



33.9089, -2.5759, 5.0047



50.4482, -4.8438, 31.0012



10.8158, -1.5326, 6.6378

Inverse Universe

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



30.7168, 25.5629, -80.2808



32.9885, 50.2663, -144.9882



30.3716, 44.1990, -81.2997



31.5932, -0.7944, -1.7242



17.8807, 35.7968, -99.6243



4.6508, 4.5053, -15.5388

Previews

White Background



This preview shows how the HunterLab color 64.9016, -8.3463, 36.8780 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 64.9016, -8.3463, 36.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

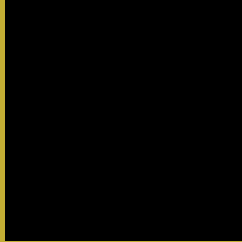
Any Text WCAG AA ✓ Pass

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 64.9016, -8.3463, 36.8780 Background



This preview shows how black text looks on a background with the HunterLab color 64.9016, -8.3463, 36.8780.



This preview shows how white text looks on a background with the HunterLab color 64.9016, -8.3463,

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

64.9016, -8.3463, 36.8780

Protanopia

64.9016, -8.3463, 36.8780

Deuteranopia

64.8780, 4.9303, 36.7607



Tritanopia

64.7418, 13.0741, 2.9803

Trichromacy



Original Color

64.9016, -8.3463, 36.8780

Protanomaly

64.9016, -8.3463, 36.8780

Deuteranomaly

64.7868, 0.2661, 36.7320

Tritanomaly

64.2664, 3.5026, 20.1782

Monochromacy



Original Color

64.9016, -8.3463, 36.8780

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.6129, -6.8817, 20.0889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9016, -8.3463, 36.8780 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(195, 174, 52)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 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(195, 174, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9016, -8.3463, 36.8780 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(195, 174, 52) }
```


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

```
.border{ border-color:rgb(195, 174, 52) }
```

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

Here you see how a box with a 4 pixel rgb(195, 174, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 52);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9016, -8.3463, 36.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 52) }
```

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

```
.background{ background-color: rgb(195,  
174, 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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