

Converting Colors

HunterLab(68.8987, -4.0540,
42.8329)

Have a look what the booklet for
HunterLab(68.8987, -4.0540,
42.8329) contains.

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Color

**HunterLab(68.8435, -3.9629,
42.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B400
RGB	217, 180, 0
RGB Percent	85%, 71%, 0%
CMY	0.1490, 0.2941, 0.9999
CMYK	0.00, 0.17, 1.00, 0.15
HSL	50°, 100%, 43%
HSV	50°, 100%, 85%
XYZ	44.9366, 47.3943, 6.7797
YIQ	170.5430, 79.8320, -48.1360

Conversions

Conversions Part 2

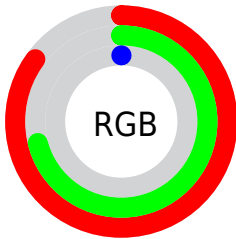
Format	Color
R _Y B	45, 217, 0
Decimal	14267392
CIE Lab	74.44, -0.32, 76.66
CIE LCh	74, 76.662, 90.240
Yxy	47.3966, 0.4534, 0.4782
Android (android.graphics.Color)	4292457472 (0xFFD9B400)
YUV	170.5430, -84.0777, 40.7428
Hunter-Lab	68.8435, -3.9629, 42.3516

Details

The HunterLab color **68.8435, -3.9629, 42.3516** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **25.1672, 49.4838, -138.2752**, and the grayscale version is **63.9419, -3.4118, 3.4741**.

A 20% lighter version of the original color is **90.1503, -14.3427, 50.1793**, and **47.5462, -2.0250, 29.2623** is the 20% darker color. If you saturate the color by 10%, you get **68.8441, -3.9643, 42.3520**, and if you desaturate by 10%, it is **69.9766, -5.5367, 42.3911**.

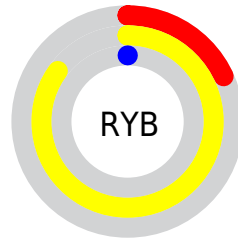
Distribution



Red (85%)

Green (71%)

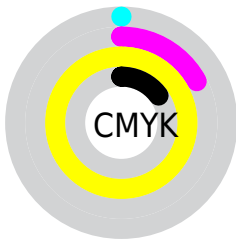
Blue (0%)



Red (18%)

Yellow (85%)

Blue (0%)

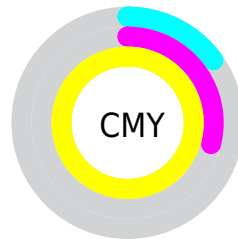


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8435, -3.9629, 42.3516 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 68.8435, -3.9629, 42.3516 by changing the saturation by 10% instead.

68.8435, -3.9629,
42.3516

68.8435, -3.9629,
42.3516

194.0091,
-10.7704, 82.2067

57.7488, -3.3568,
37.0886

92.9006, -5.2811,
52.2435

47.3225, -2.7824,
31.5933

105.7996, -5.9842,
56.9136

37.6122, -2.2449,
26.3286

119.2457, -6.7160,
61.4273

28.6755, -1.7471,
20.0728

133.2177, -7.4753,
65.8028

20.5861, -1.2925,
14.4103

147.6964, -8.2613,
70.0557

13.4443, -0.8854,
9.4110

162.6646, -9.0729,

7.0131, -0.5744,

74.1996

4.9092

178.1069, -9.9095,
78.2465

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8435, -3.9629,
42.3516

■ 68.8435, -3.9629,
42.3516

■ 68.8441, -3.9643,
42.3520

■ 69.9766, -5.5367,
42.3911

■ 71.1632, -6.8571,
41.7923

■ 72.4169, -7.8566,
40.3758

■ 73.7425, -8.5056,
38.0720

■ 75.1429, -8.7850,

34.8396

■ 76.6200, -8.6837,
30.6582

■ 78.1744, -8.1968,
25.5231

■ 79.8063, -7.3244,
19.4419

■ 81.5153, -6.0706,
12.4318

Harmonies

Analogous

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



68.8452, 33.9732, 39.8209



68.8435, -3.9629, 42.3516



68.8452, -35.0573, 39.7303

Triad

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



68.8452, -3.9659, 42.3521



68.8452, -53.6667, -38.1138



68.8452, 66.9358, -37.3745

Complementary

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



68.8435, -3.9629, 42.3516



25.1672, 49.4838, -138.2752

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.



68.8452, 34.5772, -80.3396



68.8435, -3.9629, 42.3516



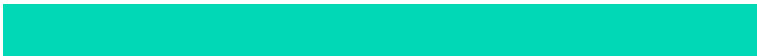
68.8452, -34.6502, -80.8986

Square

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



68.8452, -3.9659, 42.3521



68.8452, -59.9217, 3.4719



68.8452, -3.3878, -99.3081



68.8452, 79.6684, 4.0218

Rectangle

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



68.8435, -3.9629, 42.3516



68.8452, -49.0443, 33.8706



68.8452, -3.3878, -99.3081



68.8452, 57.7057, -52.7397

Sweetspot

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



68.8452, -3.9659, 42.3521



93.7941, -9.8633, 30.8312



38.6056, 66.5035, 21.8970



43.0214, -4.7019, 15.5356

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8452, -3.9659, 42.3521



82.5284, -4.5621, 50.7738



74.7986, -42.4144, 45.3475



38.5569, -2.8302, 5.6783



53.6907, -3.2947, 33.0263



14.0339, -1.4396, 8.6224

Inverse Universe

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



25.1672, 49.4838, -138.2752



29.9709, 60.3014, -167.6343



25.0311, 62.8751, -138.9656



36.0197, -1.0039, -1.9405



19.8475, 37.5292, -105.8225



6.0527, 6.3980, -21.3767

Previews

White Background



This preview shows how the HunterLab color 68.8435, -3.9629, 42.3516 looks on a white background.

Color Contrast Check

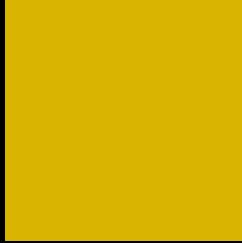
Large Text (above 18pt) WCAG AA × Fail

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 68.8435, -3.9629, 42.3516 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

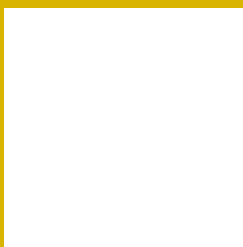
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.8435, -3.9629, 42.3516 Background



This preview shows how black text looks on a background with the HunterLab color 68.8435, -3.9629, 42.3516.

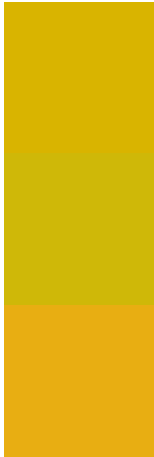


This preview shows how white text looks on a background with the HunterLab color 68.8435, -3.9629,

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

68.8435, -3.9629, 42.3516

Protanopia

68.9666, -9.6148, 42.1311

Deuteranopia

68.8996, 5.1379, 42.0531



Tritanopia

68.7485, 19.2099, 5.4596

Trichromacy



Original Color

68.8435, -3.9629, 42.3516

Protanomaly

69.0846, -7.6639, 42.3122

Deuteranomaly

68.8518, 2.0431, 42.1893

Tritanomaly

68.1402, 7.2250, 28.0011

Monochromacy



Original Color

68.8435, -3.9629, 42.3516

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.8595, -7.1757, 26.6149

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8435, -3.9629, 42.3516 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(217, 180, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 0)  
}
```

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(217, 180, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8435, -3.9629, 42.3516 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(217, 180, 0) }
```


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

```
.border{ border-color:rgb(217, 180, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 180, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8435, -3.9629, 42.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 0) }
```

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

```
.background{ background-color: rgb(217,  
180, 0) }
```

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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