

Converting Colors

HunterLab(72.7063, -16.9670,
44.5031)

Have a look what the booklet for
HunterLab(72.7063, -16.9670,
44.5031) contains.

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Color

**HunterLab(72.6429,
-16.8740, 44.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC500
RGB	204, 197, 0
RGB Percent	80%, 77%, 0%
CMY	0.2000, 0.2274, 0.9999
CMYK	0.00, 0.03, 1.00, 0.20
HSL	58°, 100%, 40%
HSV	58°, 100%, 80%
XYZ	44.8681, 52.7699, 7.8208
YIQ	176.6350, 67.4090, -59.7830

Conversions

Conversions Part 2

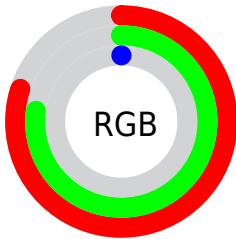
Format	Color
RYB	7, 204, 0
Decimal	13419776
CIELab	77.74, -14.73, 78.48
CIELCh	78, 79.852, 100.632
Yxy	52.7724, 0.4254, 0.5004
Android (android.graphics.Color)	4291609856 (0xFFCCC500)
YUV	176.6350, -87.0811, 23.9991
Hunter-Lab	72.6429, -16.8740, 44.4668

Details

The HunterLab color **72.6429, -16.8740, 44.4668** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **21.2416, 55.0573, -145.3991**, and the grayscale version is **66.4882, -3.5476, 3.6124**.

A 20% lighter version of the original color is **95.9870, -23.0629, 53.6881**, and **50.9571, -13.3350, 31.1661** is the 20% darker color. If you saturate the color by 10%, you get **72.6443, -16.8765, 44.4676**, and if you desaturate by 10%, it is **72.8991, -16.9989, 44.0680**.

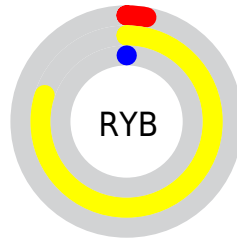
Distribution



Red (80%)

Green (77%)

Blue (0%)



Red (3%)

Yellow (80%)

Blue (0%)

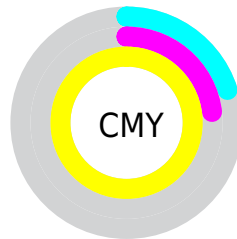


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.6429, -16.8740, 44.4668 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 72.6429, -16.8740, 44.4668 by changing the saturation by 10% instead.

72.6429, -16.8740,
44.4668

72.6429, -16.8740,
44.4668

199.3518,
-29.1743, 84.7595

61.3360, -15.5058,
39.1701

97.0924, -19.5950,
54.4393

50.6841, -14.1192,
33.6447

110.1743,
-20.9507, 59.1554

40.7320, -12.7075,
28.1226

123.7961,
-22.3079, 63.7177

31.5330, -11.2569,
22.0731

137.9372,
-23.6686, 68.1437

23.1546, -9.7454,
16.2082

152.5791,
-25.0345, 72.4484

15.6870, -8.1347,
10.9809

167.7053,

9.2570, -7.4298,

-26.4067, 76.6453

6.4799

183.3008,
-27.7864, 80.7456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.6429, -16.8740,
44.4668

■ 72.6429, -16.8740,
44.4668

■ 72.6443, -16.8765,
44.4676

■ 72.8991, -16.9989,
44.0680

■ 73.1912, -16.9099,
43.1177

■ 73.5332, -16.5403,
41.4361

■ 73.9312, -15.8565,
38.9369

■ 74.3901, -14.8334,

35.5557

■ 74.9137, -13.4520,
31.2447

■ 75.5050, -11.6988,
25.9705

■ 76.1665, -9.5652,
19.7118

■ 76.9000, -7.0467,
12.4590

Harmonies

Analogous

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



72.6446, 21.9751, 43.7144



72.6429, -16.8740, 44.4668



72.6446, -45.6032, 39.3989

Triad

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



72.6446, -16.8767, 44.4673



72.6446, -51.4328, -57.4370



72.6446, 78.7076, -23.0805

Complementary

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



72.6429, -16.8740, 44.4668



21.2416, 55.0573, -145.3991

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.



72.6446, 50.0909, -71.0488



72.6429, -16.8740, 44.4668



72.6446, -26.5589, -96.9378

Square

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



72.6446, -16.8767, 44.4673



72.6446, -62.6506, -10.0758



72.6446, 10.0999, -102.9062



72.6446, 82.7890, 15.6459

Rectangle

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



72.6429, -16.8740, 44.4668



72.6446, -57.2229, 30.4505



72.6446, 10.0999, -102.9062



72.6446, 71.3984, -39.0610

Sweetspot

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



72.6446, -16.8767, 44.4673



97.1352, -15.1554, 33.7188



35.8611, 61.4721, 22.6883



44.7845, -7.4810, 17.0022

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.6446, -16.8767, 44.4673



93.4495, -21.6640, 57.2039



68.2964, -45.5492, 41.2859



36.0945, -3.2298, 5.6279



57.6584, -13.4267, 35.2938



13.1763, -3.1683, 8.0637

Inverse Universe

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



21.2416, 55.0573, -145.3991



27.2209, 71.3477, -188.0429



25.7405, 61.0127, -114.6537



33.0221, -0.3173, -2.2271



16.9333, 43.3307, -114.7038



4.1235, 8.7201, -23.9781

Previews

White Background



This preview shows how the HunterLab color 72.6429, -16.8740, 44.4668 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 72.6429, -16.8740, 44.4668 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 72.6429, -16.8740, 44.4668 Background



This preview shows how black text looks on a background with the HunterLab color 72.6429, -16.8740, 44.4668.



This preview shows how white text looks on a background with the HunterLab color 72.6429, -16.8740, 44.4668.

-16.8740, 44.4668.

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

72.6429, -16.8740, 44.4668

Protanopia

72.7266, -10.2332, 44.6347

Deuteranopia

72.5220, 5.7510, 43.8902



Tritanopia

72.4549, 9.5161, 1.5875

Trichromacy



Original Color

72.6429, -16.8740, 44.4668

Protanomaly

72.5125, -12.5703, 44.4618

Deuteranomaly

72.2789, -2.5323, 44.0241

Tritanomaly

71.7246, -3.9799, 28.0883

Monochromacy



Original Color

72.6429, -16.8740, 44.4668

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

67.8513, -11.8928, 27.9499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.6429, -16.8740, 44.4668 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(204, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 197, 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(204, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 197, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 72.6429, -16.8740, 44.4668 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(204, 197, 0) }
```


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

```
.border{ border-color:rgb(204, 197, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 197, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 197,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.6429, -16.8740, 44.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 197, 0) }
```

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

```
.background{ background-color: rgb(204,  
197, 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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