

Converting Colors

HunterLab(70.4589, 2.3183,
37.8556)

Have a look what the booklet for
HunterLab(70.4589, 2.3183,
37.8556) contains.

HunterLab(70.4589, 2.3183, 37.8556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.4589, 2.3183,
37.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B44B
RGB	228, 180, 75
RGB Percent	89%, 71%, 29%
CMY	0.1059, 0.2941, 0.7059
CMYK	0.00, 0.21, 0.67, 0.11
HSL	41°, 74%, 59%
HSV	41°, 67%, 89%
XYZ	49.5862, 49.6446, 13.6255
YIQ	182.3820, 62.3130, -22.4790

Conversions

Conversions Part 2

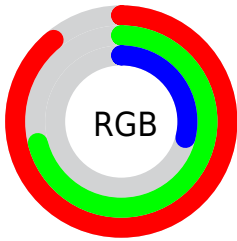
Format	Color
RYB	145, 228, 75
Decimal	14988363
CIELab	75.85, 6.60, 58.33
CIELCh	76, 58.698, 83.544
Yxy	49.6470, 0.4394, 0.4399
Android (android.graphics.Color)	4293178443 (0xFFE4B44B)
YUV	182.3820, -52.9393, 40.0070
Hunter-Lab	70.4589, 2.3183, 37.8556

Details

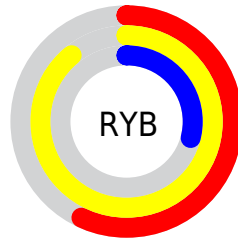
The HunterLab color **70.4589, 2.3183, 37.8556** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **46.1112, 12.1645, -65.7496**, and the grayscale version is **68.7524, -3.6685, 3.7354**.

A 20% lighter version of the original color is **90.9997, -11.8751, 42.5599**, and **48.9018, 2.6924, 29.5372** is the 20% darker color. If you saturate the color by 10%, you get **68.2458, 4.8993, 39.2951**, and if you desaturate by 10%, it is **72.7873, 0.1298, 35.4806**.

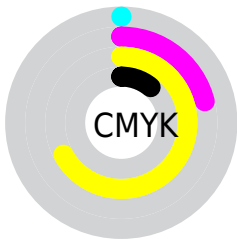
Distribution



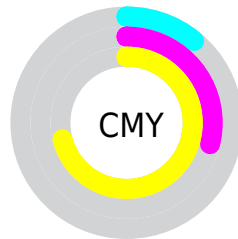
- Red (89%)
- Green (71%)
- Blue (29%)



- Red (57%)
- Yellow (89%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.4589, 2.3183, 37.8556 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 70.4589, 2.3183, 37.8556 by changing the saturation by 10% instead.

70.4589, 2.3183,
37.8556

70.4589, 2.3183,
37.8556

196.2865, -2.0010,
69.0623

59.2731, 2.5839,
33.7634

94.6845, 1.6307,
45.5322

48.7497, 2.7972,
29.4611

107.6620, 1.2223,
49.1640

38.9354, 2.9487,
24.9172

121.1835, 0.7737,
52.6840

29.8856, 3.0295,
20.4362

135.2280, 0.2872,
56.1075

21.6715, 3.0274,
15.1700

149.7766, -0.2352,
59.4472

14.3886, 2.9239,
10.0720

164.8126, -0.7917,

8.0490, 3.1431,

62.7138

5.6343

180.3205, -1.3807,
65.9163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4589, 2.3183,
37.8556

■ 70.4589, 2.3183,
37.8556

■ 68.2458, 4.8993,
39.2951

■ 72.7873, 0.1298,
35.4806

■ 66.1429, 7.8603,
39.8290

■ 75.2240, -1.6478,
32.1667

■ 64.1484, 11.1542,
39.5479

■ 77.7680, -3.0179,
27.9331

■ 63.5860, 12.1404,
39.3939

■ 80.4155, -3.9872,
22.8109

■ 83.1628, -4.5671,

16.8395

■ 86.0055, -4.7724,
10.0631

■ 88.9394, -4.6197,
2.5280

■ 91.8757, -4.5906,
-4.5200

■ 94.1495, -8.3321,
-1.7100

Harmonies

Analogous

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



70.4606, 30.6957, 33.5944



70.4589, 2.3183, 37.8556



70.4606, -23.7696, 36.2329

Triad

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



70.4606, 2.3151, 37.8563



70.4606, -46.1824, -19.5080



70.4606, 44.3049, -33.3243

Complementary

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



70.4589, 2.3183, 37.8556



46.1112, 12.1645, -65.7496

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.



70.4606, 18.7586, -60.0741



70.4589, 2.3183, 37.8556



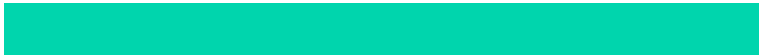
70.4606, -32.6558, -50.1799

Square

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



70.4606, 2.3151, 37.8563



70.4606, -49.1954, 9.2887



70.4606, -9.6426, -67.2063



70.4606, 57.2355, -2.0919

Rectangle

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



70.4589, 2.3183, 37.8556



70.4606, -36.7793, 31.5299



70.4606, -9.6426, -67.2063



70.4606, 36.7352, -43.5588

Sweetspot

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



70.4606, 2.3151, 37.8563



93.4632, -5.0320, 21.2642



47.9248, 58.0924, 7.1814



42.8314, -2.2452, 10.7320

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4606, 2.3151, 37.8563



76.4160, 6.9896, 45.0019



82.6239, -30.4810, 45.6017



40.0181, -2.2310, 5.5009



48.5469, 8.7915, 30.0683



13.8057, 1.2635, 8.5291

Inverse Universe

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



46.1112, 12.1645, -65.7496



44.4115, 23.6548, -98.5224



36.7705, 43.0288, -94.9392



38.2376, -1.7953, -1.5024



24.6215, 25.7854, -86.4380



7.8073, 4.2345, -18.8997

Previews

White Background



This preview shows how the HunterLab color 70.4589, 2.3183, 37.8556 looks on a white background.

Color Contrast Check

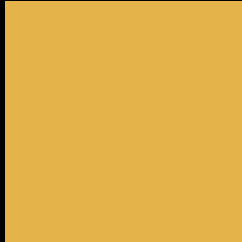
Large Text (above 18pt) WCAG AA × Fail

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 70.4589, 2.3183, 37.8556 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 70.4589, 2.3183, 37.8556 Background



This preview shows how black text looks on a background with the HunterLab color 70.4589, 2.3183, 37.8556.



This preview shows how white text looks on a background with the HunterLab color 70.4589, 2.3183,

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

70.4589, 2.3183, 37.8556

Protanopia

70.3465, -8.6114, 37.2788

Deuteranopia

70.4885, 5.3614, 37.7773



Tritanopia

70.4175, 21.8244, 6.5104

Trichromacy



Original Color

70.4589, 2.3183, 37.8556

Protanomaly

70.1782, -4.6161, 37.3861

Deuteranomaly

70.5343, 4.0597, 37.7865

Tritanomaly

70.1384, 13.4283, 21.4868

Monochromacy



Original Color

70.4589, 2.3183, 37.8556

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.6826, -3.1527, 19.8339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4589, 2.3183, 37.8556 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(228, 180, 75)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 75)  
}
```

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(228, 180, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4589, 2.3183, 37.8556 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(228, 180, 75) }
```


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

```
.border{ border-color:rgb(228, 180, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 75);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4589, 2.3183, 37.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 75) }
```

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

```
.background{ background-color: rgb(228,  
180, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor