

Converting Colors

HunterLab(75.0723, -5.4929,
45.8983)

Have a look what the booklet for
HunterLab(75.0723, -5.4929,
45.8983) contains.

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Color

**HunterLab(74.9750, -5.3572,
45.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C30C
RGB	232, 195, 12
RGB Percent	91%, 76%, 5%
CMY	0.0902, 0.2353, 0.9529
CMYK	0.00, 0.16, 0.95, 0.09
HSL	50°, 90%, 48%
HSV	50°, 95%, 91%
XYZ	52.8601, 56.2125, 8.4119
YIQ	185.2010, 80.7950, -49.0690

Conversions

Conversions Part 2

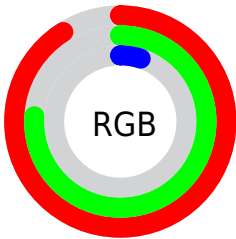
Format	Color
R _Y B	56, 232, 12
Decimal	15254284
CIE Lab	79.74, -1.47, 79.88
CIE LCh	80, 79.891, 91.055
Yxy	56.2152, 0.4499, 0.4785
Android (android.graphics.Color)	4293444364 (0xFFE8C30C)
YUV	185.2010, -85.3881, 41.0427
Hunter-Lab	74.9750, -5.3572, 45.8304

Details

The HunterLab color **74.9750, -5.3572, 45.8304** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **28.4643, 49.3706, -140.6162**, and the grayscale version is **70.0626, -3.7384, 3.8066**.

A 20% lighter version of the original color is **95.3638, -21.9032, 52.7733**, and **52.9187, -3.3301, 32.5500** is the 20% darker color. If you saturate the color by 10%, you get **74.3565, -4.4645, 45.7400**, and if you desaturate by 10%, it is **76.2120, -6.9247, 45.5898**.

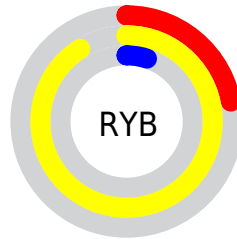
Distribution



Red (91%)

Green (76%)

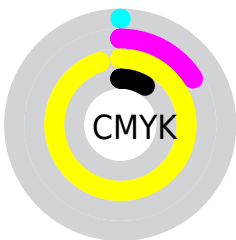
Blue (5%)



Red (22%)

Yellow (91%)

Blue (5%)

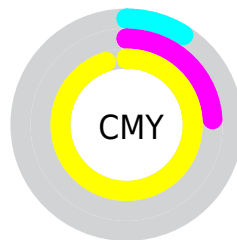


Cyan (0%)

Magenta (16%)

Yellow (95%)

Black (9%)



Cyan (9%)

Magenta (24%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9750, -5.3572, 45.8304 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 74.9750, -5.3572, 45.8304 by changing the saturation by 10% instead.

■ 74.9750, -5.3572,
45.8304

■ 74.9750, -5.3572,
45.8304

202.6085,
-12.7133, 86.5211

■ 63.5417, -4.6764,
40.4961

■ 99.6590, -6.8146,
55.8854

■ 52.7555, -4.0225,
34.9352

■ 112.8505, -7.5826,
60.6451

■ 42.6599, -3.4002,
29.2911

■ 126.5775, -8.3768,
65.2521

■ 33.3057, -2.8108,
23.3140

■ 140.8199, -9.1962,
69.7234

■ 24.7573, -2.2558,
17.3301

■ 155.5597,
-10.0403, 74.0737

■ 17.0992, -1.7367,
11.9694

■ 170.7808,

■ 10.4503, -1.2543,

-10.9082, 78.3161

7.3152

186.4682,
-11.7994, 82.4620

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9750, -5.3572,
45.8304

■ 74.9750, -5.3572,
45.8304

■ 74.3565, -4.4645,
45.7400

■ 76.2120, -6.9247,
45.5898

■ 77.5159, -8.1639,
44.5172

■ 78.8952, -9.0372,
42.5145

■ 80.3541, -9.5184,
39.5218

■ 81.8951, -9.5910,

35.5055

■ 83.5197, -9.2463,
30.4518

■ 85.2283, -8.4816,
24.3621

■ 87.0209, -7.2992,
17.2500

■ 88.8968, -5.7054,
9.1381

Harmonies

Analogous

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



74.9768, 35.2065, 43.2122



74.9750, -5.3572, 45.8304



74.9768, -38.4379, 42.7753

Triad

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



74.9768, -5.3604, 45.8310



74.9768, -57.3799, -41.9805



74.9768, 72.2204, -38.5223

Complementary

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



74.9750, -5.3572, 45.8304



28.4643, 49.3706, -140.6162

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.



74.9768, 38.0416, -84.5418



74.9750, -5.3572, 45.8304



74.9768, -36.5152, -87.1485

Square

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



74.9768, -5.3604, 45.8310



74.9768, -64.4975, 2.7752



74.9768, -2.6390, -105.6793



74.9768, 85.0861, 5.3641

Rectangle

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



74.9750, -5.3572, 45.8304



74.9768, -53.2483, 36.1810



74.9768, -2.6390, -105.6793



74.9768, 62.5438, -54.8988

Sweetspot

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



74.9768, -5.3604, 45.8310



94.2342, -9.7768, 29.5021



42.0359, 70.9745, 22.5041



43.2163, -4.6894, 14.9982

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.9768, -5.3604, 45.8310



82.7079, -4.8595, 50.8791



80.9050, -44.7451, 48.8146



40.4758, -2.9864, 5.9860



55.5479, -3.5667, 34.1659



15.4594, -1.5561, 9.4988

Inverse Universe

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



28.4643, 49.3706, -140.6162



29.8985, 60.5717, -168.1275



28.0519, 66.3948, -142.9098



37.7847, -1.0354, -2.0683



20.4057, 39.0898, -109.8889



6.5207, 7.4943, -24.3284

Previews

White Background



This preview shows how the HunterLab color 74.9750, -5.3572, 45.8304 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 74.9750, -5.3572, 45.8304 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 74.9750, -5.3572, 45.8304 Background



This preview shows how black text looks on a background with the HunterLab color 74.9750, -5.3572, 45.8304.



This preview shows how white text looks on a background with the HunterLab color 74.9750, -5.3572,

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

74.9750, -5.3572, 45.8304

Protanopia

74.9052, -10.2539, 45.6479

Deuteranopia

75.0709, 5.5189, 45.6725



Tritanopia

74.8616, 20.0115, 5.5892

Trichromacy



Original Color

74.9750, -5.3572, 45.8304

Protanomaly

74.9202, -8.6410, 45.7128

Deuteranomaly

75.0778, 1.0881, 45.7590

Tritanomaly

74.1802, 7.4685, 29.5175

Monochromacy



Original Color

74.9750, -5.3572, 45.8304

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

70.9626, -8.3057, 28.1977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.9750, -5.3572, 45.8304 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(232, 195, 12)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 12)  
}
```

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(232, 195, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 74.9750, -5.3572, 45.8304 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(232, 195, 12) }
```


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

```
.border{ border-color:rgb(232, 195, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 195, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 12);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.9750, -5.3572, 45.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 12) }
```

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

```
.background{ background-color: rgb(232,  
195, 12) }
```

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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