

Converting Colors

HunterLab(70.7763, 4.8939,
43.4523)

Have a look what the booklet for
HunterLab(70.7763, 4.8939,
43.4523) contains.

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Color

**HunterLab(70.8990, 4.5794,
43.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB30A
RGB	237, 179, 10
RGB Percent	93%, 70%, 4%
CMY	0.0706, 0.2980, 0.9607
CMYK	0.00, 0.24, 0.96, 0.07
HSL	45°, 92%, 48%
HSV	45°, 96%, 93%
XYZ	51.1000, 50.2667, 7.2964
YIQ	177.0760, 88.8170, -40.2630

Conversions

Conversions Part 2

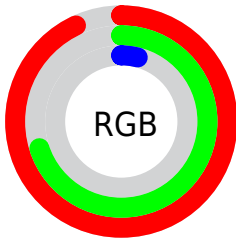
Format	Color
R _Y B	88, 237, 10
Decimal	15577866
CIE Lab	76.23, 9.01, 77.79
CIE LCh	76, 78.305, 83.395
Yxy	50.2692, 0.4703, 0.4626
Android (android.graphics.Color)	4293767946 (0xFFEDB30A)
YUV	177.0760, -82.3685, 52.5533
Hunter-Lab	70.8990, 4.5794, 43.5276

Details

The HunterLab color **70.8990, 4.5794, 43.5276** 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 **32.1169, 40.9424, -127.4000**, and the grayscale version is **66.6467, -3.5561, 3.6210**.

A 20% lighter version of the original color is **89.8586, -13.7054, 49.5963**, and **49.4053, 5.6493, 30.5422** is the 20% darker color. If you saturate the color by 10%, you get **70.1643, 5.7819, 43.3361**, and if you desaturate by 10%, it is **72.6926, 1.8795, 43.6085**.

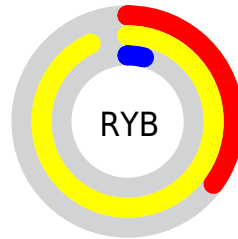
Distribution



Red (93%)

Green (70%)

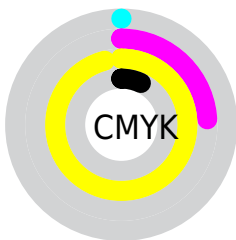
Blue (4%)



Red (35%)

Yellow (93%)

Blue (4%)

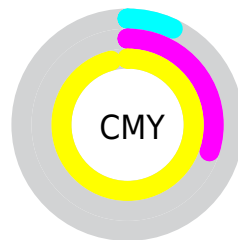


Cyan (0%)

Magenta (24%)

Yellow (96%)

Black (7%)



Cyan (7%)

Magenta (30%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.8990, 4.5794, 43.5276 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 70.8990, 4.5794, 43.5276 by changing the saturation by 10% instead.


 70.8990, 4.5794,
43.5276


 70.8990, 4.5794,
43.5276

196.9055, 1.1080,
83.6836

 59.6886, 4.7300,
38.2384


 95.1702, 4.1050,
53.4790

 49.1391, 4.8224,
32.7188


 108.1688, 3.7968,
58.1816

 39.2967, 4.8453,
27.3043

 121.7107, 3.4447,
62.7290

 30.2166, 4.7885,
21.1516

 135.7748, 3.0513,
67.1389

 21.9689, 4.6376,
15.3783

 150.3423, 2.6190,
71.4267

 14.6483, 4.3713,
10.2538

 165.3966, 2.1499,

 8.3076, 4.2907,

75.6059

5.8153

180.9223, 1.6457,
79.6882

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8990, 4.5794,
43.5276

■ 70.8990, 4.5794,
43.5276

■ 70.1643, 5.7819,
43.3361

■ 72.6926, 1.8795,
43.6085

■ 74.5766, -0.4692,
42.8241

■ 76.5579, -2.4294,
41.0849

■ 78.6385, -3.9779,
38.3471

■ 80.8187, -5.1030,

34.5966

■ 83.0975, -5.8019,
29.8400

■ 85.4733, -6.0781,
24.0985

■ 87.9437, -5.9401,
17.4033

■ 90.5059, -5.3997,
9.7926

Harmonies

Analogous

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



70.9008, 43.7698, 39.5091



70.8990, 4.5794, 43.5276



70.9008, -29.8595, 42.0952

Triad

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



70.9008, 4.5759, 43.5282



70.9008, -57.9396, -28.5789



70.9008, 62.7690, -49.4564

Complementary

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



70.8990, 4.5794, 43.5276



32.1169, 40.9424, -127.4000

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.



70.9008, 26.7001, -90.4664



70.8990, 4.5794, 43.5276



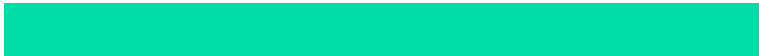
70.9008, -41.3876, -74.7015

Square

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



70.9008, 4.5759, 43.5282



70.9008, -61.4794, 11.2049



70.9008, -11.7792, -101.5164



70.9008, 81.5347, -4.3673

Rectangle

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



70.8990, 4.5794, 43.5276



70.9008, -46.3090, 37.5079



70.9008, -11.7792, -101.5164



70.9008, 51.9509, -64.9481

Sweetspot

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



70.9008, 4.5759, 43.5282



92.0055, -6.5551, 28.3899



43.2100, 73.7441, 19.8410



42.0554, -2.9689, 14.3607

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.9008, 4.5759, 43.5282



76.1715, 6.4142, 47.0488



84.1337, -40.9088, 50.9238



41.1552, -2.5943, 5.8386



52.0574, 3.8897, 32.1456



15.1016, 0.1864, 9.3088

Inverse Universe

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



32.1169, 40.9424, -127.4000



33.1935, 49.1885, -147.6729



27.1811, 66.9858, -156.8441



38.9544, -1.5254, -1.7795



23.0488, 31.9415, -97.7614



7.5347, 5.9590, -22.2815

Previews

White Background



This preview shows how the HunterLab color 70.8990, 4.5794, 43.5276 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 70.8990, 4.5794, 43.5276 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 70.8990, 4.5794, 43.5276 Background



This preview shows how black text looks on a background with the HunterLab color 70.8990, 4.5794, 43.5276.



This preview shows how white text looks on a background with the HunterLab color 70.8990, 4.5794,

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

70.8990, 4.5794, 43.5276

Protanopia

71.0138, -10.0502, 43.1732

Deuteranopia

71.0222, 4.9963, 43.5867



Tritanopia

70.7954, 26.8315, 8.3767

Trichromacy



Original Color

70.8990, 4.5794, 43.5276

Protanomaly

70.7826, -4.7218, 43.1852

Deuteranomaly

71.0222, 4.9963, 43.5867

Tritanomaly

70.3481, 15.9270, 29.1816

Monochromacy



Original Color

70.8990, 4.5794, 43.5276

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

67.2636, -4.5930, 26.8028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8990, 4.5794, 43.5276 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(237, 179, 10)` looks like.

```
.text, #text, p{  
    color:rgb(237, 179, 10)  
}
```

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(237, 179, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 179, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8990, 4.5794, 43.5276 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(237, 179, 10) }
```


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

```
.border{ border-color:rgb(237, 179, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 179, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 179, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 179, 10);  
box-shadow:4px 4px 4px 4px rgb(237, 179,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8990, 4.5794, 43.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 179, 10) }
```

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

```
.background{ background-color: rgb(237,  
179, 10) }
```

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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