

Converting Colors

HunterLab(70.2504, 5.7223,
43.3881)

Have a look what the booklet for
HunterLab(70.2504, 5.7223,
43.3881) contains.

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Color

**HunterLab(70.3198, 5.5032,
43.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB100
RGB	237, 177, 0
RGB Percent	93%, 69%, 0%
CMY	0.0706, 0.3059, 0.9999
CMYK	0.00, 0.25, 1.00, 0.07
HSL	45°, 100%, 46%
HSV	45°, 100%, 93%
XYZ	50.6471, 49.4487, 6.8751
YIQ	174.7620, 92.5770, -42.3270

Conversions

Conversions Part 2

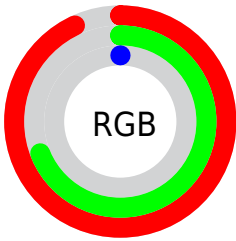
Format	Color
R _Y B	80, 237, 0
Decimal	15577344
CIE Lab	75.73, 9.97, 78.51
CIE LCh	76, 79.143, 82.762
Yxy	49.4512, 0.4735, 0.4623
Android (android.graphics.Color)	4293767424 (0xFFEDB100)
YUV	174.7620, -86.1577, 54.5827
Hunter-Lab	70.3198, 5.5032, 43.4271

Details

The HunterLab color **70.3198, 5.5032, 43.4271** 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 **30.5733, 45.1811, -135.7449**, and the grayscale version is **65.6971, -3.5054, 3.5694**.

A 20% lighter version of the original color is **89.2005, -12.8578, 49.5656**, and **48.7660, 6.2150, 30.1582** is the 20% darker color. If you saturate the color by 10%, you get **70.3203, 5.5018, 43.4274**, and if you desaturate by 10%, it is **72.0685, 2.7275, 43.7577**.

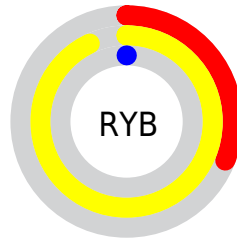
Distribution



Red (93%)

Green (69%)

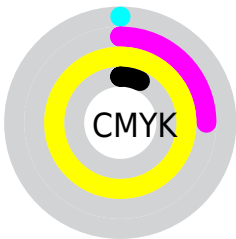
Blue (0%)



Red (31%)

Yellow (93%)

Blue (0%)

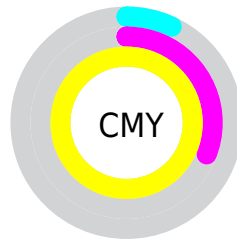


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3198, 5.5032, 43.4271 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 70.3198, 5.5032, 43.4271 by changing the saturation by 10% instead.

 70.3198, 5.5032,
43.4271


 70.3198, 5.5032,
43.4271

196.0908, 2.3935,
83.9812

 59.1418, 5.6045,
38.0835

 94.5311, 5.1203,
53.4822


 48.6267, 5.6447,
32.5101

 107.5018, 4.8549,
58.2331

 38.8213, 5.6119,
27.1392

 121.0169, 4.5439,
62.8265

 29.7812, 5.4953,
20.8468

 135.0551, 4.1902,
67.2802

 21.5776, 5.2792,
15.1044

 149.5978, 3.7963,
71.6098

 14.3068, 4.9410,
10.0148

 164.6280, 3.3643,

 7.9654, 5.0294,

75.8289

5.5758

180.1303, 2.8962,
79.9492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3198, 5.5032,
43.4271

■ 70.3198, 5.5032,
43.4271

■ 70.3203, 5.5018,
43.4274

■ 72.0685, 2.7275,
43.7577

■ 73.8990, 0.2542,
43.3475

■ 75.8245, -1.8456,
42.0136

■ 77.8479, -3.5422,
39.6951

■ 79.9704, -4.8194,

36.3661

■ 82.1917, -5.6708,
32.0247

■ 84.5102, -6.0972,
26.6860

■ 86.9241, -6.1050,
20.3769

■ 89.4307, -5.7047,
13.1326

Harmonies

Analogous

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



70.3216, 45.0597, 39.3401



70.3198, 5.5032, 43.4271



70.3216, -29.3836, 42.1335

Triad

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



70.3216, 5.4997, 43.4277



70.3216, -58.3755, -27.9751



70.3216, 62.8527, -51.1608

Complementary

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



70.3198, 5.5032, 43.4271



30.5733, 45.1811, -135.7449

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.



70.3216, 26.1651, -92.4746



70.3198, 5.5032, 43.4271



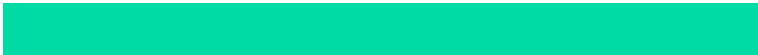
70.3216, -42.0696, -74.9158

Square

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



70.3216, 5.4997, 43.4277



70.3216, -61.6491, 11.8841



70.3216, -12.5564, -102.8965



70.3216, 82.3623, -5.3112

Rectangle

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



70.3198, 5.5032, 43.4271



70.3216, -46.0870, 37.7319



70.3216, -12.5564, -102.8965



70.3216, 51.7962, -66.8412

Sweetspot

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



70.3216, 5.4997, 43.4277



91.8013, -6.6226, 29.0783



42.8556, 74.2322, 21.1578



41.9724, -2.9980, 14.6469

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3216, 5.4997, 43.4277



76.3416, 6.1086, 47.1483



83.9505, -41.6523, 51.0004



41.1628, -2.6068, 5.8466



52.1711, 3.6864, 32.2121



15.1295, 0.1381, 9.3252

Inverse Universe

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



30.5733, 45.1811, -135.7449



33.0902, 49.5196, -148.2585



26.3360, 68.3136, -162.9496



38.9469, -1.5129, -1.7889



22.9766, 32.1657, -98.1554



7.5127, 6.0143, -22.3733

Previews

White Background



This preview shows how the HunterLab color 70.3198, 5.5032, 43.4271 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 70.3198, 5.5032, 43.4271 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 70.3198, 5.5032, 43.4271 Background



This preview shows how black text looks on a background with the HunterLab color 70.3198, 5.5032, 43.4271.



This preview shows how white text looks on a background with the HunterLab color 70.3198, 5.5032,

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

70.3198, 5.5032, 43.4271

Protanopia

70.2984, -9.5033, 42.8300

Deuteranopia

70.1977, 5.0940, 43.3447



Tritanopia

70.3542, 26.6925, 8.7656

Trichromacy



Original Color

70.3198, 5.5032, 43.4271

Protanomaly

70.0715, -4.1902, 42.9100

Deuteranomaly

70.1977, 5.0940, 43.3447

Tritanomaly

69.6028, 16.1337, 29.8633

Monochromacy



Original Color

70.3198, 5.5032, 43.4271

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

66.4862, -4.4409, 27.4796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3198, 5.5032, 43.4271 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, 177, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 177, 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(237, 177, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 177, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3198, 5.5032, 43.4271 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, 177, 0) }
```


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

```
.border{ border-color:rgb(237, 177, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 177, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 177, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 177, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 177,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3198, 5.5032, 43.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 177, 0) }
```

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

```
.background{ background-color: rgb(237,  
177, 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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