

Converting Colors

HunterLab(75.4805, 0.4121,
45.9567)

Have a look what the booklet for
HunterLab(75.4805, 0.4121,
45.9567) contains.

HunterLab(75.3712, 0.5990, 45.8957)	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(75.3712, 0.5990,
45.8957)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C015
RGB	243, 192, 21
RGB Percent	95%, 75%, 8%
CMY	0.0471, 0.2470, 0.9176
CMYK	0.00, 0.21, 0.91, 0.05
HSL	46°, 90%, 52%
HSV	46°, 91%, 95%
XYZ	55.9472, 56.8082, 8.7259
YIQ	187.7550, 85.2870, -42.3690

Conversions

Conversions Part 2

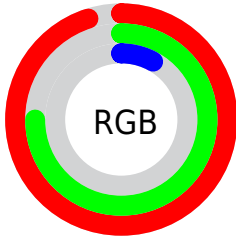
Format	Color
RYB	87, 243, 21
Decimal	15974421
CIELab	80.07, 4.93, 79.41
CIELCh	80, 79.565, 86.448
Yxy	56.8110, 0.4605, 0.4676
Android (android.graphics.Color)	4294164501 (0xFFFF3C015)
YUV	187.7550, -82.2102, 48.4499
Hunter-Lab	75.3712, 0.5990, 45.8957

Details

The HunterLab color **75.3712, 0.5990, 45.8957** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **33.5653, 41.2654, -128.3746**, and the grayscale version is **71.1232, -3.7950, 3.8643**.

A 20% lighter version of the original color is **94.4103, -20.2916, 51.7453**, and **53.3013, 2.2463, 32.8834** is the 20% darker color. If you saturate the color by 10%, you get **73.9401, 2.8267, 45.6110**, and if you desaturate by 10%, it is **77.1018, -1.7118, 45.5462**.

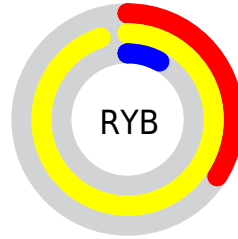
Distribution



Red (95%)

Green (75%)

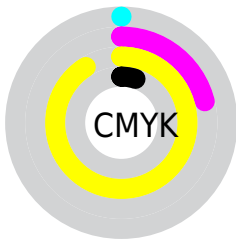
Blue (8%)



Red (34%)

Yellow (95%)

Blue (8%)

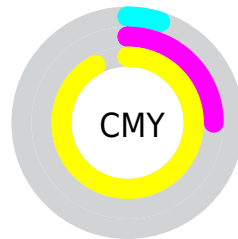


Cyan (0%)

Magenta (21%)

Yellow (91%)

Black (5%)



Cyan (5%)


Magenta (25%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.3712, 0.5990, 45.8957 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 75.3712, 0.5990, 45.8957 by changing the saturation by 10% instead.


 75.3712, 0.5990,
45.8957

 75.3712, 0.5990,
45.8957


203.1602, -4.4565,
86.3336


 63.9167, 0.9663,
40.5961

 100.0946, -0.2770,
55.8850

 53.1080, 1.2885,
35.0700


 113.3045, -0.7728,
60.6140

 42.9883, 1.5570,
29.4245


 127.0491, -1.3052,
65.1918

 33.6082, 1.7654,
23.5258

 141.3086, -1.8722,
69.6352

 25.0314, 1.9046,
17.5220

 156.0649, -2.4723,
73.9590

 17.3416, 1.9617,
12.1391

 171.3019, -3.1039,

 10.6562, 1.9157,

78.1761

7.4594

187.0048, -3.7656,
82.2977

■ 0.9000, 23.8199,
0.6300

0.0000, NaN, NaN

■ 75.3712, 0.5990,
45.8957

■ 75.3712, 0.5990,
45.8957

■ 73.9401, 2.8267,
45.6110

■ 77.1018, -1.7118,
45.5462

■ 78.9205, -3.6452,
44.2613

■ 80.8337, -5.1703,
41.9662

■ 82.8435, -6.2672,
38.6236

■ 84.9504, -6.9262,
34.2221

■ 87.1540, -7.1454,
28.7691

■ 89.4529, -6.9287,
22.2855

■ 91.8452, -6.2849,
14.8022

■ 94.3286, -5.2257,
6.3569

Harmonies

Analogous

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



75.3731, 41.1922, 42.2670



75.3712, 0.5990, 45.8957



75.3731, -34.1255, 43.7531

Triad

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



75.3731, 0.5955, 45.8963



75.3731, -59.3186, -34.2840



75.3731, 67.7633, -45.8496

Complementary

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



75.3712, 0.5990, 45.8957



33.5653, 41.2654, -128.3746

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.



75.3731, 31.6926, -89.5458



75.3712, 0.5990, 45.8957



75.3731, -40.5914, -80.8452

Square

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



75.3731, 0.5955, 45.8963



75.3731, -64.3873, 8.3189



75.3731, -8.5383, -104.7925



75.3731, 84.5514, -0.3720

Rectangle

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



75.3712, 0.5990, 45.8957



75.3731, -50.3528, 38.1893



75.3731, -8.5383, -104.7925



75.3731, 57.1790, -61.9624

Sweetspot

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



75.3731, 0.5955, 45.8963



93.0873, -7.5055, 27.5872



44.7995, 74.7088, 20.6144



42.6857, -3.4911, 13.8064

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.3731, 0.5955, 45.8963



78.0584, 3.0623, 48.1528



86.2096, -43.3938, 51.8739



43.1628, -2.8613, 6.2201



54.9726, 1.7529, 33.9045



16.7615, -0.2798, 10.3235

Inverse Universe

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



33.5653, 41.2654, -128.3746



32.1007, 52.7689, -154.0361



29.5340, 67.8157, -150.8385



40.6747, -1.4477, -1.9906



22.9390, 35.6027, -105.5278



7.8245, 7.5325, -26.0405

Previews

White Background



This preview shows how the HunterLab color 75.3712, 0.5990, 45.8957 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 75.3712, 0.5990, 45.8957 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 75.3712, 0.5990, 45.8957 Background



This preview shows how black text looks on a background with the HunterLab color 75.3712, 0.5990, 45.8957.



This preview shows how white text looks on a background with the HunterLab color 75.3712, 0.5990,

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

75.3712, 0.5990, 45.8957

Protanopia

75.3393, -10.2315, 45.5645

Deuteranopia

75.1970, 5.9468, 45.7150



Tritanopia

75.4511, 24.4388, 7.7329

Trichromacy



Original Color

75.3712, 0.5990, 45.8957

Protanomaly

75.1869, -6.1076, 45.5836

Deuteranomaly

75.1116, 4.1885, 45.6746

Tritanomaly

74.8548, 12.6455, 29.6188

Monochromacy



Original Color

75.3712, 0.5990, 45.8957

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.6501, -5.7050, 27.4356

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.3712, 0.5990, 45.8957 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(243, 192, 21)` looks like.

```
.text, #text, p{  
    color:rgb(243, 192, 21)  
}
```

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(243, 192, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 192, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 75.3712, 0.5990, 45.8957 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(243, 192, 21) }
```


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

```
.border{ border-color:rgb(243, 192, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 192, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 192, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 192, 21);  
box-shadow:4px 4px 4px 4px rgb(243, 192,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.3712, 0.5990, 45.8957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 192, 21) }
```

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

```
.background{ background-color: rgb(243,  
192, 21) }
```

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