

Converting Colors

HunterLab(77.7891, 5.1589,
44.4911)

Have a look what the booklet for
HunterLab(77.7891, 5.1589,
44.4911) contains.

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Color

**HunterLab(77.8775, 5.0251,
44.4955)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC33F
RGB	255, 195, 63
RGB Percent	100%, 76%, 25%
CMY	0.0000, 0.2353, 0.7529
CMYK	0.00, 0.24, 0.75, 0.00
HSL	41°, 100%, 62%
HSV	41°, 75%, 100%
XYZ	61.6522, 60.6491, 13.1596
YIQ	197.8920, 78.1320, -28.3320

Conversions

Conversions Part 2

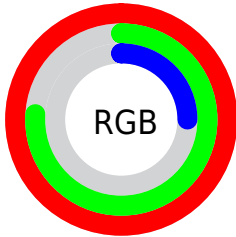
Format	Color
RYB	150, 255, 63
Decimal	16761663
CIELab	82.19, 9.58, 70.41
CIELCh	82, 71.058, 82.248
Yxy	60.6520, 0.4551, 0.4477
Android (android.graphics.Color)	4294951743 (0xFFFFC33F)
YUV	197.8920, -66.5018, 50.0837
Hunter-Lab	77.8775, 5.0251, 44.4955

Details

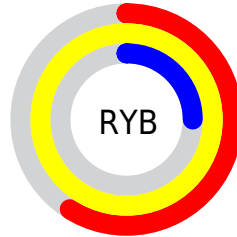
The HunterLab color **77.8775, 5.0251, 44.4955** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **47.3730, 19.5206, -88.8733**, and the grayscale version is **75.3533, -4.0207, 4.0941**.

A 20% lighter version of the original color is **95.7007, -20.0014, 47.8076**, and **55.5116, 5.4987, 34.3022** is the 20% darker color. If you saturate the color by 10%, you get **75.4677, 8.3331, 45.2408**, and if you desaturate by 10%, it is **80.4194, 2.1473, 42.7038**.

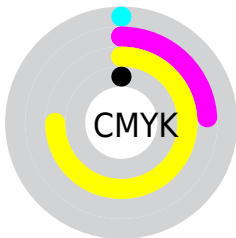
Distribution



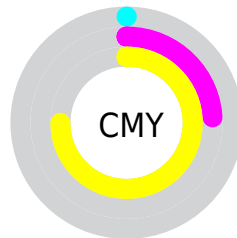
- Red (100%)
- Green (76%)
- Blue (25%)



- Red (59%)
- Yellow (100%)
- Blue (25%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.8775, 5.0251, 44.4955 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 77.8775, 5.0251, 44.4955 by changing the saturation by 10% instead.


 77.8775, 5.0251,
44.4955


 77.8775, 5.0251,
44.4955


206.6391, 1.5373,
80.6086

 66.2906, 5.1825,
39.7783

 102.8470, 4.5413,
53.3793

 55.3415, 5.2842,
34.8438


 116.1719, 4.2303,
57.5892

 45.0720, 5.3196,
29.6722


 130.0272, 3.8761,
61.6697

 35.5304, 5.2798,
24.5989

 144.3934, 3.4814,
65.6366

 26.7773, 5.1528,
18.7441

 159.2528, 3.0483,
69.5033

 18.8912, 4.9213,
13.2239

174.5896, 2.5789,

 11.9808, 4.5591,

73.2811

8.3866

190.3894, 2.0747,
76.9801

■ 4.9254, 8.2161,
3.4478

0.0000, NaN, NaN

■ 77.8775, 5.0251,
44.4955

■ 77.8775, 5.0251,
44.4955

■ 75.4677, 8.3331,
45.2408

■ 80.4194, 2.1473,
42.7038

■ 73.1813, 12.0382,
45.0228

■ 83.0872, -0.2665,
39.8323

■ 72.1418, 13.8758,
44.6964

■ 85.8808, -2.2113,
35.8838

■ 88.7966, -3.6884,
30.8816

■ 91.8305, -4.7067,
24.8635

■ 94.9779, -5.2798,
17.8759

■ 98.2340, -5.4252,
9.9702

■ 99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



77.8794, 40.9167, 39.5204



77.8775, 5.0251, 44.4955



77.8794, -27.7892, 43.0183

Triad

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



77.8794, 5.0214, 44.4962



77.8794, -56.6795, -23.7414



77.8794, 55.7539, -45.3334

Complementary

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



77.8775, 5.0251, 44.4955



47.3730, 19.5206, -88.8733

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.



77.8794, 22.6734, -80.0653



77.8775, 5.0251, 44.4955



77.8794, -40.8596, -64.2655

Square

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



77.8794, 5.0214, 44.4962



77.8794, -59.7400, 12.3037



77.8794, -12.9341, -88.1948



77.8794, 73.3606, -4.7922

Rectangle

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



77.8775, 5.0251, 44.4955



77.8794, -44.0435, 38.0495



77.8794, -12.9341, -88.1948



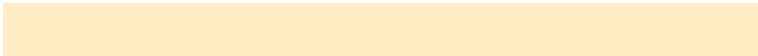
77.8794, 45.8260, -58.6913

Sweetspot

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



77.8794, 5.0214, 44.4962



92.5425, -4.8768, 23.3457



51.2500, 72.7670, 10.8692



42.2968, -2.1273, 11.8969

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.8794, 5.0214, 44.4962



74.3764, 10.0322, 45.2501



93.3074, -36.8142, 53.8625



44.8072, -2.5052, 6.2036



52.4151, 9.5230, 32.4647



16.9421, 1.8798, 10.4726

Inverse Universe

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



47.3730, 19.5206, -88.8733



40.0270, 31.4400, -114.9229



36.5834, 57.4072, -129.7800



42.7828, -1.9975, -1.7355



26.4182, 28.3273, -94.1709



9.2995, 6.1269, -24.8498

Previews

White Background



This preview shows how the HunterLab color 77.8775, 5.0251, 44.4955 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 77.8775, 5.0251, 44.4955 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 77.8775, 5.0251, 44.4955 Background



This preview shows how black text looks on a background with the HunterLab color 77.8775, 5.0251, 44.4955.



This preview shows how white text looks on a background with the HunterLab color 77.8775, 5.0251,

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

77.8775, 5.0251, 44.4955

Protanopia

77.9192, -10.0699, 43.9152

Deuteranopia

77.9645, 5.4911, 43.2107



Tritanopia

77.7528, 22.3199, 7.5619

Trichromacy



Original Color

77.8775, 5.0251, 44.4955

Protanomaly

77.6737, -4.7074, 43.9624

Deuteranomaly

77.9310, 5.3117, 43.7054

Tritanomaly

77.3467, 14.3322, 26.1157

Monochromacy



Original Color

77.8775, 5.0251, 44.4955

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.6059, -3.3931, 24.2309

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8775, 5.0251, 44.4955 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(255, 195, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 63)  
}
```

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(255, 195, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8775, 5.0251, 44.4955 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(255, 195, 63) }
```


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

```
.border{ border-color:rgb(255, 195, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.8775, 5.0251, 44.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 63) }
```

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

```
.background{ background-color: rgb(255,  
195, 63) }
```

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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