

Converting Colors

HunterLab(77.9471, 5.4012,
43.4602)

Have a look what the booklet for
HunterLab(77.9471, 5.4012,
43.4602) contains.

HunterLab(77.9475, 5.3999, 43.4620)	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(77.9475, 5.3999,
43.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC348
RGB	255, 195, 72
RGB Percent	100%, 76%, 28%
CMY	0.0000, 0.2353, 0.7176
CMYK	0.00, 0.24, 0.72, 0.00
HSL	40°, 100%, 64%
HSV	40°, 72%, 100%
XYZ	61.9248, 60.7581, 14.5946
YIQ	198.9180, 75.2430, -25.5330

Conversions

Conversions Part 2

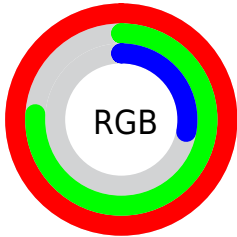
Format	Color
RYB	161, 255, 72
Decimal	16761672
CIELab	82.25, 9.97, 67.04
CIELCh	82, 67.776, 81.543
Yxy	60.7611, 0.4511, 0.4426
Android (android.graphics.Color)	4294951752 (0xFFFFC348)
YUV	198.9180, -62.5706, 49.1839
Hunter-Lab	77.9475, 5.3999, 43.4620

Details

The HunterLab color **77.9475, 5.3999, 43.4620** 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 **50.0993, 15.5565, -80.8196**, and the grayscale version is **75.7748, -4.0432, 4.1170**.

A 20% lighter version of the original color is **95.8054, -19.4122, 46.2691**, and **55.5116, 5.4987, 34.3022** is the 20% darker color. If you saturate the color by 10%, you get **75.4004, 8.7614, 44.5411**, and if you desaturate by 10%, it is **80.6335, 2.4812, 41.3228**.

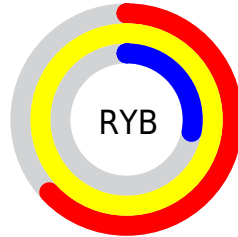
Distribution



Red (100%)

Green (76%)

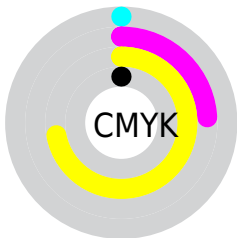
Blue (28%)



Red (63%)

Yellow (100%)

Blue (28%)

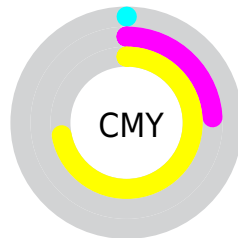


Cyan (0%)

Magenta (24%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9475, 5.3999, 43.4620 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 77.9475, 5.3999, 43.4620 by changing the saturation by 10% instead.

 77.9475, 5.3999,
43.4620


 77.9475, 5.3999,
43.4620


206.7360, 2.0433,
78.0471


 66.3569, 5.5399,
38.9509

 102.9238, 4.9489,
51.9568

 55.4040, 5.6231,
34.2284

 116.2518, 4.6533,
55.9839


 45.1303, 5.6392,
29.2701

 130.1102, 4.3140,
59.8892

 35.5843, 5.5788,
24.2327

 144.4793, 3.9337,
63.6879

 26.8263, 5.4298,
18.7784

 159.3416, 3.5146,
67.3928

 18.9349, 5.1745,
13.2544

174.6812, 3.0587,

 12.0183, 4.7864,

71.0150

8.4128

190.4837, 2.5678,
74.5637

■ 4.9911, 8.4358,
3.4937

0.0000, NaN, NaN

■ 77.9475, 5.3999,
43.4620

■ 77.9475, 5.3999,
43.4620

■ 75.4004, 8.7614,
44.5411

■ 80.6335, 2.4812,
41.3228

■ 72.9858, 12.5413,
44.6166

■ 83.4508, 0.0330,
38.1081

■ 71.0898, 15.8989,
44.0835

■ 86.3977, -1.9445,
33.8335

■ 89.4699, -3.4567,
28.5324

92.6622, -4.5156,
22.2495

95.9695, -5.1374,
15.0359

99.3863, -5.3415,
6.9461

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



77.9494, 39.3873, 38.2704



77.9475, 5.3999, 43.4620



77.9494, -26.1356, 42.1104

Triad

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



77.9494, 5.3962, 43.4627



77.9494, -54.8678, -21.3546



77.9494, 52.0502, -43.4453

Complementary

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



77.9475, 5.3999, 43.4620



50.0993, 15.5565, -80.8196

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.



77.9494, 20.5493, -75.4412



77.9475, 5.3999, 43.4620



77.9494, -39.8528, -59.4231

Square

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



77.9494, 5.3962, 43.4627



77.9494, -57.5511, 12.6136



77.9494, -13.2834, -82.2653



77.9494, 69.1087, -5.1730

Rectangle

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



77.9475, 5.3999, 43.4620



77.9494, -41.9613, 37.2644



77.9494, -13.2834, -82.2653



77.9494, 42.5733, -55.8545

Sweetspot

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



77.9494, 5.3962, 43.4627



92.5855, -4.4956, 22.4094



52.5249, 70.4944, 8.5503



42.4288, -1.9661, 11.1967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.9494, 5.3962, 43.4627



74.3614, 10.3153, 44.6900



93.7629, -34.9634, 53.2869



44.7527, -2.4147, 6.1455



51.6637, 10.9595, 32.0268



16.7288, 2.2720, 10.3480

Inverse Universe

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



50.0993, 15.5565, -80.8196



42.6959, 25.9832, -104.6138



38.3529, 53.4442, -121.6850



42.8372, -2.0882, -1.6680



27.0080, 26.7081, -91.4128



9.4867, 5.6883, -24.1368

Previews

White Background



This preview shows how the HunterLab color 77.9475, 5.3999, 43.4620 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 77.9475, 5.3999, 43.4620 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 77.9475, 5.3999, 43.4620 Background



This preview shows how black text looks on a background with the HunterLab color 77.9475, 5.3999, 43.4620.



This preview shows how white text looks on a background with the HunterLab color 77.9475, 5.3999,

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

77.9475, 5.3999, 43.4620

Protanopia

77.9927, -9.6617, 42.8293

Deuteranopia

78.0002, 5.6821, 42.6840



Tritanopia

78.0243, 21.7775, 7.8614

Trichromacy



Original Color

77.9475, 5.3999, 43.4620

Protanomaly

77.7463, -4.3096, 42.8908

Deuteranomaly

77.9821, 5.5851, 42.9514

Tritanomaly

77.6878, 14.1316, 25.4473

Monochromacy



Original Color

77.9475, 5.3999, 43.4620

Achromatopsia

75.5728, -4.0324, 4.1060

Achromatomaly

75.9922, -3.4260, 23.2528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.9475, 5.3999, 43.4620 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 77.9475, 5.3999, 43.4620 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, 72) }
```


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

```
.border{ border-color:rgb(255, 195, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 72); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 72); box-shadow:4px 4px 4px 4px rgb(255, 195, 72) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.9475, 5.3999, 43.4620 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, 72) }
```

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

```
.background{ background-color: rgb(255,  
195, 72) }
```

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