

Converting Colors

HunterLab(77.9762, 7.5986,
38.6236)

Have a look what the booklet for
HunterLab(77.9762, 7.5986,
38.6236) contains.

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Color

**HunterLab(77.9762, 7.5986,
38.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC266
RGB	255, 194, 102
RGB Percent	100%, 76%, 40%
CMY	0.0000, 0.2392, 0.6000
CMYK	0.00, 0.24, 0.60, 0.00
HSL	36°, 100%, 70%
HSV	36°, 60%, 100%
XYZ	62.9300, 60.8029, 20.9897
YIQ	201.7510, 65.8880, -15.6800

Conversions

Conversions Part 2

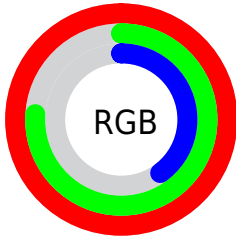
Format	Color
RYB	203, 255, 102
Decimal	16761446
CIELab	82.27, 12.20, 53.90
CIELCh	82, 55.264, 77.250
Yxy	60.8059, 0.4348, 0.4201
Android (android.graphics.Color)	4294951526 (0xFFFFC266)
YUV	201.7510, -49.1772, 46.6994
Hunter-Lab	77.9762, 7.5986, 38.6236

Details

The HunterLab color **77.9762, 7.5986, 38.6236** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **60.1976, 3.2588, -56.0302**, and the grayscale version is **76.9303, -4.1048, 4.1798**.

A 20% lighter version of the original color is **95.9155, -16.4735, 39.6453**, and **55.5717, 7.4830, 31.1545** is the 20% darker color. If you saturate the color by 10%, you get **74.8356, 11.3626, 40.8223**, and if you desaturate by 10%, it is **81.2853, 4.3035, 35.3919**.

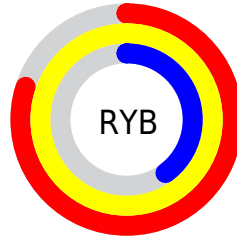
Distribution



Red (100%)

Green (76%)

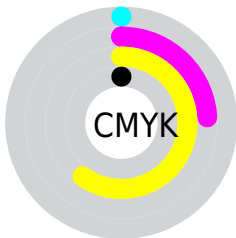
Blue (40%)



Red (80%)

Yellow (100%)

Blue (40%)

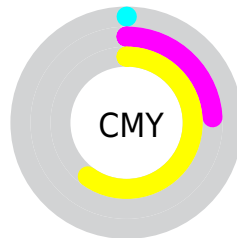


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9762, 7.5986, 38.6236 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 77.9762, 7.5986, 38.6236 by changing the saturation by 10% instead.


 77.9762, 7.5986,
38.6236


 77.9762, 7.5986,
38.6236


206.7757, 5.0122,
67.3215

 66.3841, 7.6359,
34.9241

 102.9552, 7.3401,
45.6052


 55.4296, 7.6114,
31.0483

 116.2846, 7.1352,
48.9270

 45.1542, 7.5136,
26.9642

 130.1443, 6.8835,
52.1578

 35.6064, 7.3323,
22.6353

 144.5146, 6.5878,
55.3102

 26.8464, 7.0541,
18.5233

159.3780, 6.2508,
58.3946

 18.9528, 6.6597,
13.2670

174.7188, 5.8746,

 12.0337, 6.1208,

61.4199

8.4236

190.5224, 5.4612,
64.3935

■ 5.0177, 10.3238,
3.5124

0.0000, NaN, NaN

■ 77.9762, 7.5986,
38.6236

■ 77.9762, 7.5986,
38.6236

■ 74.8356, 11.3626,
40.8223

■ 81.2853, 4.3035,
35.3919

■ 71.8650, 15.5926,
41.9717

■ 84.7492, 1.4869,
31.1637

■ 69.0711, 20.2505,
42.1017

■ 88.3611, -0.8657,
25.9928

■ 66.4494, 25.2455,
41.3877

■ 92.1125, -2.7722,
19.9391

66.4491, 25.2460,
41.3876

95.9948, -4.2542,
13.0650

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



77.9781, 34.1881, 32.4436



77.9762, 7.5986, 38.6236



77.9781, -18.9335, 38.1544

Triad

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



77.9781, 7.5950, 38.6244



77.9781, -47.7104, -11.8205



77.9781, 37.6175, -37.1400

Complementary

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



77.9762, 7.5986, 38.6236



60.1976, 3.2588, -56.0302

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.



77.9781, 11.7918, -58.9713



77.9762, 7.5986, 38.6236



77.9781, -36.2924, -41.2808

Square

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



77.9781, 7.5950, 38.6244



77.9781, -48.5144, 14.3517



77.9781, -15.2667, -60.7018



77.9781, 53.0375, -7.4276

Rectangle

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



77.9762, 7.5986, 38.6236



77.9781, -33.0972, 34.1546



77.9781, -15.2667, -60.7018



77.9781, 29.7176, -46.0246

Sweetspot

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



77.9781, 7.5950, 38.6244



92.8786, -3.1016, 18.6287



57.8054, 61.3291, 1.0558



42.4549, -1.2105, 9.4960

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.9781, 7.5950, 38.6244



74.2274, 12.1728, 41.1362



95.3686, -28.4063, 50.4531



44.5020, -1.9972, 5.8779



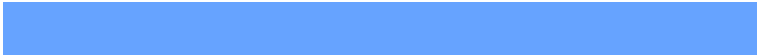
48.3446, 17.5996, 30.0978



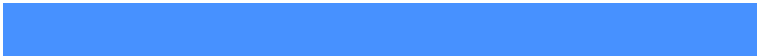
15.7779, 4.0888, 9.7939

Inverse Universe

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



60.1976, 3.2588, -56.0302



53.5736, 8.6719, -71.5390



45.3057, 39.6145, -95.1984



43.0883, -2.5054, -1.3572



29.9582, 19.2675, -79.0381



10.3943, 3.7029, -20.9854

Previews

White Background



This preview shows how the HunterLab color 77.9762, 7.5986, 38.6236 looks on a white background.

Color Contrast Check

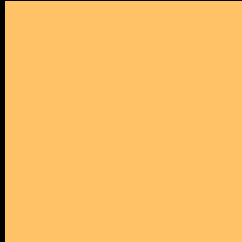
Large Text (above 18pt) WCAG AA × Fail

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 77.9762, 7.5986, 38.6236 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 77.9762, 7.5986, 38.6236 Background



This preview shows how black text looks on a background with the HunterLab color 77.9762, 7.5986, 38.6236.



This preview shows how white text looks on a background with the HunterLab color 77.9762, 7.5986,

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

77.9762, 7.5986, 38.6236

Protanopia

78.0205, -8.8805, 37.5583

Deuteranopia

77.9006, 5.8733, 38.5375



Tritanopia

78.0243, 21.7775, 7.8614

Trichromacy



Original Color

77.9762, 7.5986, 38.6236

Protanomaly

77.9729, -2.8481, 37.8343

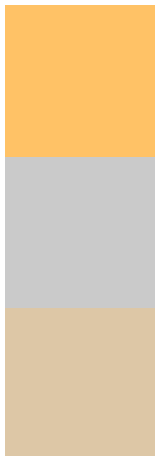
Deuteranomaly

78.0206, 6.2751, 38.6332

Tritanomaly

77.9303, 15.4011, 21.9276

Monochromacy



Original Color

77.9762, 7.5986, 38.6236

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

76.7933, -1.6055, 19.4380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.9762, 7.5986, 38.6236 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, 194, 102)` looks like.

```
.text, #text, p{  
  color:rgb(255, 194, 102)  
}
```

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, 194, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 77.9762, 7.5986, 38.6236 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, 194, 102) }
```


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

```
.border{ border-color:rgb(255, 194, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.9762, 7.5986, 38.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 102) }
```

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

```
.background{ background-color: rgb(255,  
194, 102) }
```

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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