

Converting Colors

HunterLab(87.2028, 34.3901,
45.6216)

Have a look what the booklet for
HunterLab(87.2028, 34.3901,
45.6216) contains.

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Color

**HunterLab(78.5615, 6.6326,
38.8411)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC467
RGB	255, 196, 103
RGB Percent	100%, 77%, 40%
CMY	0.0000, 0.2313, 0.5961
CMYK	0.00, 0.23, 0.60, 0.00
HSL	37°, 100%, 70%
HSV	37°, 60%, 100%
XYZ	63.4281, 61.7191, 21.4019
YIQ	203.0390, 65.0170, -16.4150

Conversions

Conversions Part 2

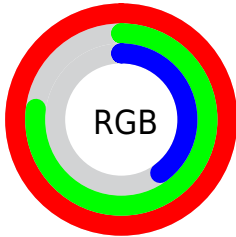
Format	Color
R_{YB}	199, 255, 103
Decimal	16761959
CIE _{Lab}	82.77, 11.23, 54.00
CIE _{LCh}	83, 55.152, 78.255
Yxy	61.7221, 0.4328, 0.4212
Android (android.graphics.Color)	4294952039 (0xFFFFC467)
YUV	203.0390, -49.3192, 45.5698
Hunter-Lab	78.5615, 6.6326, 38.8411

Details

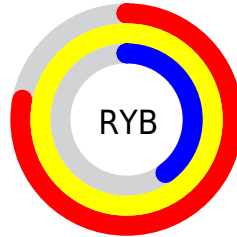
The HunterLab color **78.5615, 6.6326, 38.8411** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **59.9522, 3.9459, -56.5508**, and the grayscale version is **77.4815, -4.1342, 4.2097**.

A 20% lighter version of the original color is **96.5821, -17.3745, 39.9012**, and **55.8454, 7.0339, 31.2097** is the 20% darker color. If you saturate the color by 10%, you get **75.4764, 10.2386, 41.0986**, and if you desaturate by 10%, it is **81.8095, 3.4948, 35.5452**.

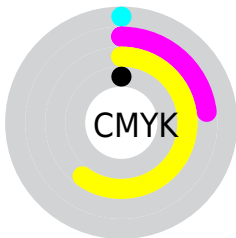
Distribution



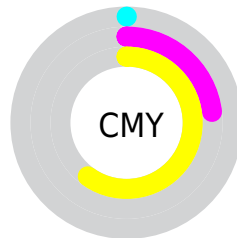
- Red (100%)
- Green (77%)
- Blue (40%)



- Red (78%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.5615, 6.6326, 38.8411 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 78.5615, 6.6326, 38.8411 by changing the saturation by 10% instead.


 78.5615, 6.6326,
38.8411


 78.5615, 6.6326,
38.8411

207.5853, 3.6925,
67.5462

 66.9389, 6.7175,
35.1435


 103.5972, 6.2853,
45.8214


 55.9521, 6.7431,
31.2709


 116.9531, 6.0387,
49.1434

 45.6424, 6.6983,
27.1913


 130.8383, 5.7467,
52.3749

 36.0575, 6.5737,
22.8685

 145.2332, 5.4123,
55.5284

 27.2572, 6.3564,
18.7006

160.1205, 5.0376,
58.6142

 19.3188, 6.0282,
13.5231

175.4843, 4.6249,

 12.3486, 5.5620,

61.6410

8.6440

191.3103, 4.1760,
64.6163

■ 5.5331, 8.5455,
3.8731

0.0000, NaN, NaN

■ 78.5615, 6.6326,
38.8411

■ 78.5615, 6.6326,
38.8411

■ 75.4764, 10.2386,
41.0986

■ 81.8095, 3.4948,
35.5452

■ 72.5548, 14.3108,
42.3033

■ 85.2072, 0.8346,
31.2452

■ 69.8027, 18.8129,
42.4861

■ 88.7487, -1.3624,
25.9928

■ 67.2159, 23.6620,
41.8070

■ 92.4259, -3.1135,
19.8462

67.1169, 23.8553,
41.7747

96.2310, -4.4398,
12.8664

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.



78.5634, 33.3560, 32.8752



78.5615, 6.6326, 38.8411



78.5634, -19.7740, 38.1569

Triad

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



78.5634, 6.6290, 38.8419



78.5634, -47.5880, -12.7795



78.5634, 38.3119, -36.1183

Complementary

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



78.5615, 6.6326, 38.8411



59.9522, 3.9459, -56.5508

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.



78.5634, 12.6988, -58.3927



78.5615, 6.6326, 38.8411



78.5634, -35.7980, -42.0925

Square

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



78.5634, 6.6290, 38.8419



78.5634, -48.7540, 13.6605



78.5634, -14.4652, -60.8874



78.5634, 53.2279, -6.4303

Rectangle

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



78.5615, 6.6326, 38.8411



78.5634, -33.7671, 33.9660



78.5634, -14.4652, -60.8874



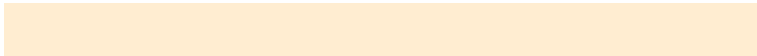
78.5634, 30.5205, -45.0967

Sweetspot

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



78.5634, 6.6290, 38.8419



93.0291, -3.3546, 18.7794



57.9949, 60.9372, 0.9928



42.5355, -1.3462, 9.5748

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.5634, 6.6290, 38.8419



74.7622, 11.1720, 41.4826



95.3882, -28.3122, 50.3058



44.5393, -2.0594, 5.9177



48.8228, 16.6112, 30.3752



15.9159, 3.8178, 9.8741

Inverse Universe

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



59.9522, 3.9459, -56.5508



53.0257, 9.7059, -72.9403



45.5925, 39.2294, -94.2497



43.0509, -2.4434, -1.4034



29.4968, 20.3664, -80.8337



10.2549, 3.9940, -21.4396

Previews

White Background



This preview shows how the HunterLab color 78.5615, 6.6326, 38.8411 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 78.5615, 6.6326, 38.8411 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 78.5615, 6.6326, 38.8411 Background



This preview shows how black text looks on a background with the HunterLab color 78.5615, 6.6326, 38.8411.



This preview shows how white text looks on a background with the HunterLab color 78.5615, 6.6326,

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

78.5615, 6.6326, 38.8411

Protanopia

78.8418, -9.1289, 38.1679

Deuteranopia

78.4410, 6.2298, 38.7450



Tritanopia

78.6291, 20.9986, 7.6147

Trichromacy



Original Color

78.5615, 6.6326, 38.8411

Protanomaly

78.6822, -3.4696, 38.3522

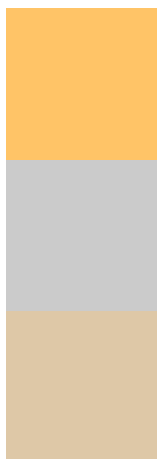
Deuteranomaly

78.4410, 6.2298, 38.7450

Tritanomaly

78.5340, 14.5798, 21.7730

Monochromacy



Original Color

78.5615, 6.6326, 38.8411

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

77.2193, -1.6307, 19.4830

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.5615, 6.6326, 38.8411 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, 196, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 103)  
}
```

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, 196, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 78.5615, 6.6326, 38.8411 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, 196, 103) }
```


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

```
.border{ border-color:rgb(255, 196, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 196, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.5615, 6.6326, 38.8411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 103) }
```

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

```
.background{ background-color: rgb(255,  
196, 103) }
```

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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