

Converting Colors

HunterLab(77.7711, 7.7910,
38.8667)

Have a look what the booklet for
HunterLab(77.7711, 7.7910,
38.8667) contains.

HunterLab(77.6660, 7.9819, 38.7932)	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(77.6660, 7.9819,
38.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC164
RGB	255, 193, 100
RGB Percent	100%, 76%, 39%
CMY	0.0000, 0.2431, 0.6078
CMYK	0.00, 0.24, 0.61, 0.00
HSL	36°, 100%, 70%
HSV	36°, 61%, 100%
XYZ	62.6103, 60.3201, 20.3996
YIQ	200.9360, 66.8050, -15.7790

Conversions

Conversions Part 2

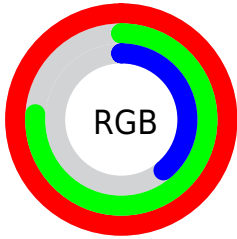
Format	Color
R_{YB}	203, 255, 100
Decimal	16761188
CIE _{Lab}	82.01, 12.58, 54.54
CIE _{LCh}	82, 55.977, 77.011
Yxy	60.3230, 0.4368, 0.4209
Android (android.graphics.Color)	4294951268 (0xFFFFC164)
YUV	200.9360, -49.7614, 47.4141
Hunter-Lab	77.6660, 7.9819, 38.7932

Details

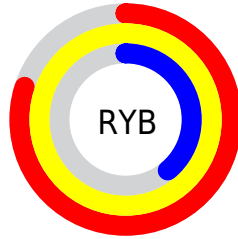
The HunterLab color **77.6660, 7.9819, 38.7932** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **59.8068, 3.4566, -56.8768**, and the grayscale version is **76.5847, -4.0864, 4.1610**.

A 20% lighter version of the original color is **95.5569, -16.1683, 39.8996**, and **55.2917, 7.8934, 31.2101** is the 20% darker color. If you saturate the color by 10%, you get **74.5311, 11.8002, 40.9077**, and if you desaturate by 10%, it is **80.9708, 4.6321, 35.6444**.

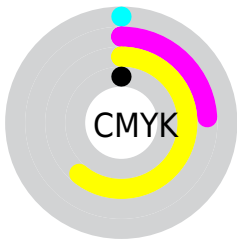
Distribution



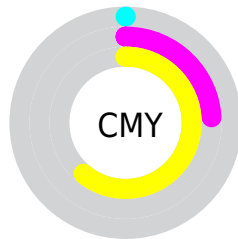
- Red (100%)
- Green (76%)
- Blue (39%)



- Red (80%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6660, 7.9819, 38.7932 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 77.6660, 7.9819, 38.7932 by changing the saturation by 10% instead.

 77.6660, 7.9819,
38.7932

 77.6660, 7.9819,
38.7932

206.3462, 5.5383,
67.7957


 66.0901, 8.0000,
35.0495


 102.6149, 7.7593,
45.8553


 55.1528, 7.9551,
31.1266


 115.9302, 7.5713,
49.2139

 44.8958, 7.8357,
26.9924

 129.7762, 7.3358,
52.4797

 35.3676, 7.6315,
22.6112

 144.1335, 7.0559,
55.6653

 26.6292, 7.3284,
18.5391

158.9843, 6.7340,
58.7814

 18.7594, 6.9070,
13.1316

174.3127, 6.3726,

 11.8676, 6.3385,

61.8370

8.3073

190.1044, 5.9734,
64.8397

■ 4.7213, 11.3599,
3.3049

0.0000, NaN, NaN

■ 77.6660, 7.9819,
38.7932

■ 77.6660, 7.9819,
38.7932

■ 74.5311, 11.8002,
40.9077

■ 80.9708, 4.6321,
35.6444

■ 71.5675, 16.0828,
41.9736

■ 84.4315, 1.7614,
31.4965

■ 68.7816, 20.7892,
42.0251

■ 88.0415, -0.6442,
26.4028

■ 66.3668, 25.4187,
41.3399

■ 91.7920, -2.6021,
20.4233

95.6746, -4.1339,
13.6203

99.6810, -5.2635,
6.0560

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



77.6679, 34.8900, 32.5569



77.6660, 7.9819, 38.7932



77.6679, -18.8858, 38.3752

Triad

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



77.6679, 7.9783, 38.7940



77.6679, -48.1570, -11.8077



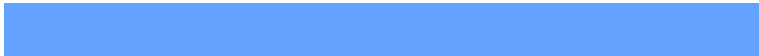
77.6679, 37.9993, -37.9978

Complementary

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



77.6660, 7.9819, 38.7932



59.8068, 3.4566, -56.8768

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.



77.6679, 11.7772, -60.1041



77.6660, 7.9819, 38.7932



77.6679, -36.7333, -41.7641

Square

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



77.6679, 7.9783, 38.7940



77.6679, -48.8807, 14.6135



77.6679, -15.5738, -61.6807



77.6679, 53.7631, -7.8257

Rectangle

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



77.6660, 7.9819, 38.7932



77.6679, -33.2306, 34.4187



77.6679, -15.5738, -61.6807



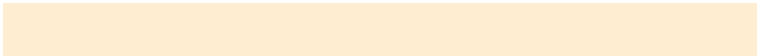
77.6679, 29.9638, -47.0112

Sweetspot

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



77.6679, 7.9783, 38.7940



92.8599, -3.0702, 18.6099



57.4312, 62.1062, 1.1867



42.4449, -1.1936, 9.4863

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6679, 7.9783, 38.7940



73.8591, 12.7107, 41.2341



95.3298, -28.5922, 50.7423



44.4974, -1.9895, 5.8730



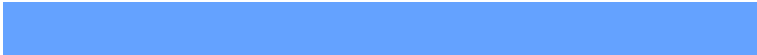
48.2856, 17.7223, 30.0636



15.7609, 4.1225, 9.7840

Inverse Universe

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



59.8068, 3.4566, -56.8768



53.1184, 9.0703, -72.7096



44.7368, 40.3886, -97.1102



43.0930, -2.5131, -1.3514



30.0160, 19.1313, -78.8164



10.4118, 3.6668, -20.9294

Previews

White Background



This preview shows how the HunterLab color 77.6660, 7.9819, 38.7932 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 77.6660, 7.9819, 38.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

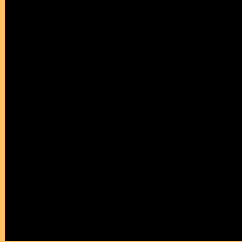
Any Text WCAG AA ✓ Pass

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 77.6660, 7.9819, 38.7932 Background



This preview shows how black text looks on a background with the HunterLab color 77.6660, 7.9819, 38.7932.



This preview shows how white text looks on a background with the HunterLab color 77.6660, 7.9819,

38.7932.

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

77.6660, 7.9819, 38.7932

Protanopia

77.6878, -8.5357, 37.7263

Deuteranopia

77.5881, 6.2535, 38.7057



Tritanopia

77.7232, 22.1678, 7.9853

Trichromacy



Original Color

77.6660, 7.9819, 38.7932

Protanomaly

77.6481, -2.4888, 38.0047

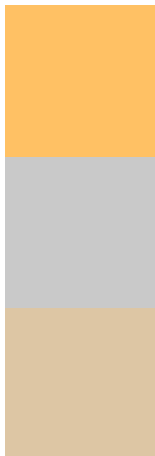
Deuteranomaly

77.7086, 6.6563, 38.8013

Tritanomaly

77.6298, 15.8128, 22.0050

Monochromacy



Original Color

77.6660, 7.9819, 38.7932

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

76.4465, -1.3567, 19.8425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6660, 7.9819, 38.7932 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, 193, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 100)  
}
```

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, 193, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6660, 7.9819, 38.7932 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, 193, 100) }
```


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

```
.border{ border-color:rgb(255, 193, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6660, 7.9819, 38.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 100) }
```

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

```
.background{ background-color: rgb(255,  
193, 100) }
```

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