

# Converting Colors

HunterLab(77.1750, 8.1793,  
39.9545)

Have a look what the booklet for  
HunterLab(77.1750, 8.1793,  
39.9545) contains.

<b>HunterLab(77.2865, 7.9927, 39.9960)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(77.2865, 7.9927,  
39.9960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC05C
RGB	255, 192, 92
RGB Percent	100%, 75%, 36%
CMY	0.0000, 0.2470, 0.6392
CMYK	0.00, 0.25, 0.64, 0.00
HSL	37°, 100%, 68%
HSV	37°, 64%, 100%
XYZ	62.0215, 59.7320, 18.3858
YIQ	199.4370, 69.6480, -17.7440

# Conversions

## Conversions Part 2

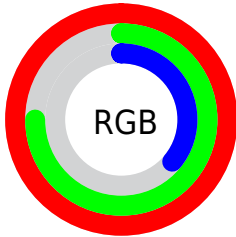
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 255, 92
Decimal	16760924
CIELab	81.69, 12.59, 57.89
CIELCh	82, 59.244, 77.730
Yxy	59.7350, 0.4426, 0.4262
Android (android.graphics.Color)	4294951004 (0xFFFFC05C)
YUV	199.4370, -52.9664, 48.7288
Hunter-Lab	77.2865, 7.9927, 39.9960

# Details

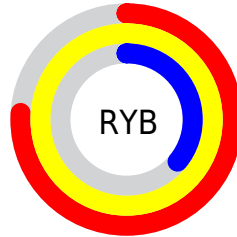
The HunterLab color **77.2865, 7.9927, 39.9960** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **57.3904, 5.8897, -62.2719**, and the grayscale version is **75.9579, -4.0529, 4.1269**.

A 20% lighter version of the original color is **95.0995, -16.4191, 41.6113**, and **54.8402, 7.6353, 31.9435** is the 20% darker color. If you saturate the color by 10%, you get **74.2815, 11.7788, 41.8018**, and if you desaturate by 10%, it is **80.4564, 4.6710, 37.1420**.

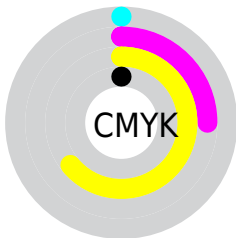
# Distribution



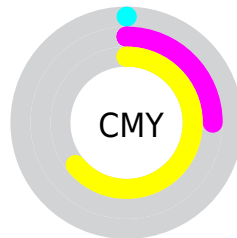
- Red (100%)
- Green (75%)
- Blue (36%)



- Red (76%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (25%)
- Yellow (64%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.2865, 7.9927, 39.9960 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 77.2865, 7.9927, 39.9960 by changing the saturation by 10% instead.





 77.2865, 7.9927,  
39.9960

 77.2865, 7.9927,  
39.9960

205.8204, 5.5651,  
70.5159

 65.7305, 8.0083,  
36.0389

 102.1984, 7.7744,  
47.4522


 54.8143, 7.9607,  
31.8912

 115.4964, 7.5883,  
50.9933

 44.5797, 7.8383,  
27.5216

 129.3258, 7.3547,  
54.4329

 35.0758, 7.6307,  
22.8991

 143.6670, 7.0764,  
57.7847

 26.3638, 7.3237,  
18.4546

158.5023, 6.7563,  
61.0600

 18.5234, 6.8975,  
12.9664

173.8157, 6.3963,

 11.6651, 6.3231,

64.2684

8.1656

189.5928, 5.9987,  
67.4180

■ 4.3304, 12.4379,  
3.0313

0.0000, NaN, NaN

■ 77.2865, 7.9927,  
39.9960

■ 77.2865, 7.9927,  
39.9960

■ 74.2815, 11.7788,  
41.8018

■ 80.4564, 4.6710,  
37.1420

■ 71.4411, 16.0200,  
42.5609

■ 83.7786, 1.8288,  
33.2646

■ 68.7696, 20.6683,  
42.3313

■ 87.2474, -0.5447,  
28.4098

■ 67.2224, 23.6372,  
41.8359

■ 90.8547, -2.4641,  
22.6331

■ 94.5929, -3.9490,  
15.9946

■ 98.4541, -5.0222,  
8.5552

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.



77.2884, 36.7325, 33.9056



77.2865, 7.9927, 39.9960



77.2884, -20.2705, 39.4303

# Triad

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



77.2884, 7.9891, 39.9968



77.2884, -50.0955, -13.6046



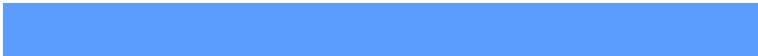
77.2884, 41.2381, -40.2442

# Complementary

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



77.2865, 7.9927, 39.9960



57.3904, 5.8897, -62.2719

# 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.



77.2884, 13.4587, -64.6173



77.2865, 7.9927, 39.9960



77.2884, -37.9429, -45.7714

# Square

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



77.2884, 7.9891, 39.9968



77.2884, -51.1147, 14.5803



77.2884, -15.5418, -66.9458



77.2884, 57.7284, -7.8390



# Rectangle

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



77.2865, 7.9927, 39.9960



77.2884, -35.1638, 35.3374



77.2884, -15.5418, -66.9458



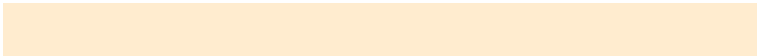
77.2884, 32.7394, -50.0903

# Sweetspot

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



77.2884, 7.9891, 39.9968



92.6784, -3.2477, 19.4706



55.9963, 65.1222, 1.7747



42.3851, -1.2976, 9.8701

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.2884, 7.9891, 39.9968



73.3890, 13.0384, 42.1458



95.1793, -29.3081, 51.8282



44.5451, -2.0691, 5.9240



48.8983, 16.4562, 30.4190

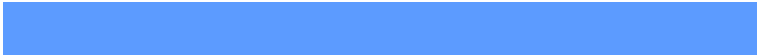


15.9376, 3.7753, 9.8868



# Inverse Universe

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



57.3904, 5.8897, -62.2719



50.3358, 12.7369, -80.1978



42.5228, 43.5355, -104.9474



43.0451, -2.4337, -1.4106



29.4251, 20.5391, -81.1169



10.2332, 4.0398, -21.5113



# Previews

## White Background



This preview shows how the HunterLab color 77.2865, 7.9927, 39.9960 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

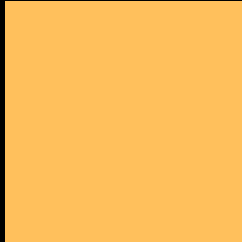
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.2865, 7.9927, 39.9960 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 77.2865, 7.9927, 39.9960 Background



This preview shows how black text looks on a background with the HunterLab color 77.2865, 7.9927, 39.9960.



This preview shows how white text looks on a background with the HunterLab color 77.2865, 7.9927,

39.9960.

# 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

77.2865, 7.9927, 39.9960

### Protanopia

77.4841, -9.4569, 39.1119

### Deuteranopia

77.2063, 6.2593, 39.9081



## Tritanopia

77.1534, 23.1010, 7.8131

# Trichromacy



## Original Color

77.2865, 7.9927, 39.9960

## Protanomaly

77.4388, -3.4112, 39.3685

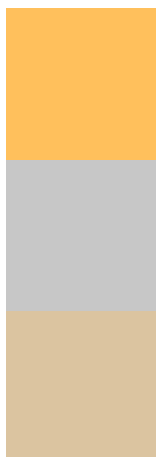
## Deuteranomaly

77.3274, 6.6641, 40.0020

## Tritanomaly

76.9865, 16.4034, 22.8138

# Monochromacy



## Original Color

77.2865, 7.9927, 39.9960

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

75.5500, -1.5601, 20.4263

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.2865, 7.9927, 39.9960 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, 192, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 92)  
}
```

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, 192, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.2865, 7.9927, 39.9960 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, 192, 92) }
```



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

```
.border{ border-color:rgb(255, 192, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.2865, 7.9927, 39.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 92) }
```

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

```
.background{ background-color: rgb(255,  
192, 92) }
```

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