

# Converting Colors

HunterLab(77.9626, 0.2355,  
34.5671)

Have a look what the booklet for  
HunterLab(77.9626, 0.2355,  
34.5671) contains.

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# Color

**HunterLab(77.9283, 0.4841,  
34.5081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C778
RGB	240, 199, 120
RGB Percent	94%, 78%, 47%
CMY	0.0588, 0.2196, 0.5294
CMYK	0.00, 0.17, 0.50, 0.06
HSL	40°, 80%, 71%
HSV	40°, 50%, 94%
XYZ	59.7488, 60.7282, 26.3420
YIQ	202.2530, 49.7950, -15.8770

# Conversions

## Conversions Part 2

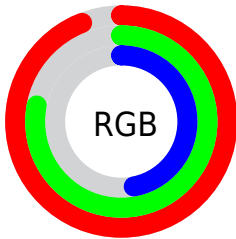
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 240, 120
Decimal	15779704
CIE <sub>Lab</sub>	82.23, 4.90, 44.75
CIE <sub>LCh</sub>	82, 45.013, 83.751
Yxy	60.7311, 0.4070, 0.4136
Android (android.graphics.Color)	4293969784 (0xFFFF0C778)
YUV	202.2530, -40.5507, 33.1041
Hunter-Lab	77.9283, 0.4841, 34.5081

# Details

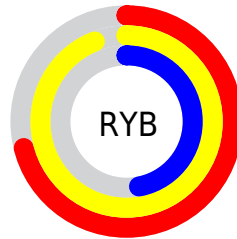
The HunterLab color  $77.9283, 0.4841, 34.5081$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $59.8104, 3.4231, -44.8058$ , and the grayscale version is  $77.1139, -4.1146, 4.1897$ .

A 20% lighter version of the original color is  $97.8959, -16.9881, 35.7729$ , and  $55.3404, 1.5029, 28.0947$  is the 20% darker color. If you saturate the color by 10%, you get  $75.1980, 2.8406, 37.6607$ , and if you desaturate by 10%, it is  $80.7862, -1.4417, 30.3894$ .

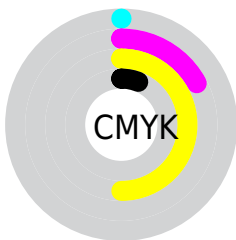
# Distribution



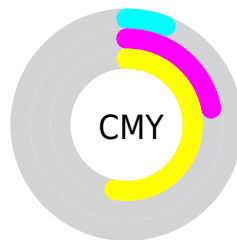
- Red (94%)
- Green (78%)
- Blue (47%)



- Red (71%)
- Yellow (94%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (50%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9283, 0.4841, 34.5081 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 77.9283, 0.4841, 34.5081 by changing the saturation by 10% instead.



77.9283, 0.4841,  
34.5081

77.9283, 0.4841,  
34.5081

206.7093, -4.6484,  
59.1869

66.3387, 0.8632,  
31.3752

102.9026, -0.4120,  
40.4465

55.3868, 1.1977,  
28.0997

116.2298, -0.9171,  
43.2857

45.1143, 1.4799,  
24.6504

130.0874, -1.4583,  
46.0565

35.5695, 1.7036,  
20.9870

144.4557, -2.0338,  
48.7691

26.8128, 1.8606,  
17.0947

159.3172, -2.6419,  
51.4319

18.9229, 1.9388,  
13.2460

174.6560, -3.2812,

12.0080, 1.9198,

54.0521

8.4056

190.4578, -3.9504,  
56.6354

■ 4.9731, 4.0277,  
3.4811

0.0000, NaN, NaN

■ 77.9283, 0.4841,  
34.5081

■ 77.9283, 0.4841,  
34.5081

■ 75.1980, 2.8406,  
37.6607

■ 80.7862, -1.4417,  
30.3894

■ 72.5940, 5.6362,  
39.8231

■ 83.7612, -2.9346,  
25.3383

■ 70.1208, 8.8556,  
40.9985

■ 86.8500, -4.0106,  
19.4011

■ 67.7793, 12.4699,  
41.2275

■ 90.0471, -4.6863,  
12.6279

■ 65.5614, 16.4005,  
40.6857

■ 93.3473, -4.9808,  
5.0708

■ 65.5612, 16.4010,  
40.6856

■ 96.4379, -6.5992,  
1.1443

■ 98.6231, -10.1590,  
3.7172

# Harmonies

## Analogous

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



77.9302, 22.3708, 30.1524



77.9283, 0.4841, 34.5081



77.9302, -20.4285, 32.7496

# Triad

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



77.9302, 0.4810, 34.5089



77.9302, -39.1239, -13.7044



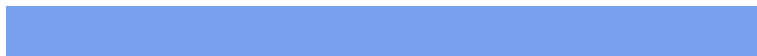
77.9302, 32.8416, -23.3987

# Complementary

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



77.9283, 0.4841, 34.5081



59.8104, 3.4231, -44.8058

# 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.



77.9302, 13.5581, -42.1281



77.9283, 0.4841, 34.5081



77.9302, -27.5609, -35.5349

# Square

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



77.9302, 0.4810, 34.5089



77.9302, -41.8048, 8.4832



77.9302, -8.6994, -47.0934



77.9302, 42.3392, -0.2519



# Rectangle

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



77.9283, 0.4841, 34.5081



77.9302, -31.2304, 28.0103



77.9302, -8.6994, -47.0934



77.9302, 27.1929, -30.6516

# Sweetspot

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



77.9302, 0.4810, 34.5089



94.7213, -4.7071, 17.3007



58.7941, 46.4023, 2.5695



43.4885, -2.1024, 8.7048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.9302, 0.4810, 34.5089



80.5014, 3.0974, 40.4006



88.9976, -26.0299, 42.5458



41.8291, -2.1842, 5.6803



48.7712, 11.6175, 30.2560



14.7063, 2.1326, 9.0993



# Inverse Universe

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



59.8104, 3.4231, -44.8058



57.6580, 7.8532, -61.6195



50.1281, 29.5230, -66.0994



40.1391, -2.0318, -1.4789



26.3973, 23.9406, -84.6751



8.7054, 4.2842, -20.1295



# Previews

## White Background



This preview shows how the HunterLab color 77.9283, 0.4841, 34.5081 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 77.9283, 0.4841, 34.5081 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 77.9283, 0.4841, 34.5081 Background



This preview shows how black text looks on a background with the HunterLab color 77.9283, 0.4841, 34.5081.



This preview shows how white text looks on a background with the HunterLab color 77.9283, 0.4841,



# 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

77.9283, 0.4841, 34.5081

### Protanopia

78.0481, -8.3158, 33.9602

### Deuteranopia

77.8142, 6.1249, 34.2730



## Tritanopia

77.9174, 18.9851, 4.8751

# Trichromacy



## Original Color

77.9283, 0.4841, 34.5081

## Protanomaly

78.0483, -5.2160, 34.2601

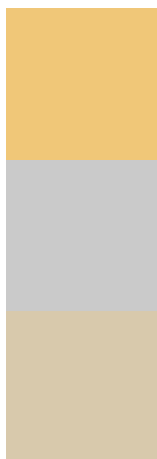
## Deuteranomaly

77.7516, 4.4293, 34.1937

## Tritanomaly

77.8264, 11.2088, 18.0337

# Monochromacy



## Original Color

77.9283, 0.4841, 34.5081

## Achromatopsia

76.8517, -4.1006, 4.1755

## Achromatomaly

77.0395, -3.5568, 17.3716

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.9283, 0.4841, 34.5081 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(240, 199, 120)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 120)  
}
```

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(240, 199, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.9283, 0.4841, 34.5081 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(240, 199, 120) }
```



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

```
.border{ border-color:rgb(240, 199, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 120);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
120) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.9283, 0.4841, 34.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 120) }
```

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

```
.background{ background-color: rgb(240,  
199, 120) }
```

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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