

Converting Colors

HunterLab(77.4009, -0.6817,
39.7942)

Have a look what the booklet for
HunterLab(77.4009, -0.6817,
39.7942) contains.

HunterLab(77.3817, -0.5990, 39.7370)	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(77.3817, -0.5990,
39.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C65D
RGB	241, 198, 93
RGB Percent	95%, 78%, 36%
CMY	0.0549, 0.2235, 0.6353
CMYK	0.00, 0.18, 0.61, 0.05
HSL	43°, 84%, 65%
HSV	43°, 61%, 95%
XYZ	58.4455, 59.8793, 18.8334
YIQ	198.8870, 59.3330, -23.5390

Conversions

Conversions Part 2

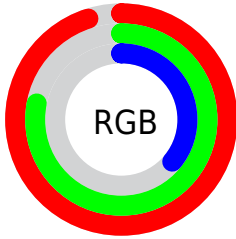
Format	Color
RYB	154, 241, 93
Decimal	15844957
CIELab	81.77, 3.74, 57.14
CIELCh	82, 57.262, 86.250
Yxy	59.8822, 0.4261, 0.4366
Android (android.graphics.Color)	4294035037 (0xFFFF1C65D)
YUV	198.8870, -52.2023, 36.9331
Hunter-Lab	77.3817, -0.5990, 39.7370

Details

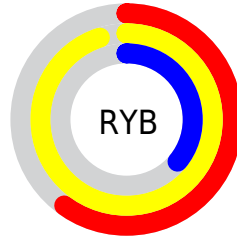
The HunterLab color **77.3817, -0.5990, 39.7370** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **51.2693, 11.9254, -64.4369**, and the grayscale version is **75.7235, -4.0404, 4.1142**.

A 20% lighter version of the original color is **97.0825, -19.2210, 42.6272**, and **54.8070, 0.5920, 31.7057** is the 20% darker color. If you saturate the color by 10%, you get **75.0953, 1.6430, 41.8694**, and if you desaturate by 10%, it is **79.7833, -2.4165, 36.5894**.

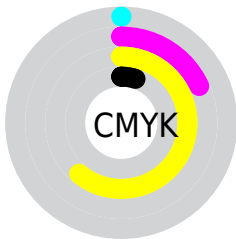
Distribution



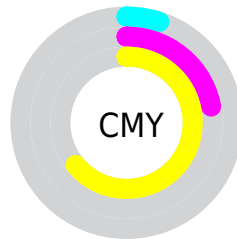
- Red (95%)
- Green (78%)
- Blue (36%)



- Red (60%)
- Yellow (95%)
- Blue (36%)



- Cyan (0%)
- Magenta (18%)
- Yellow (61%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3817, -0.5990, 39.7370 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 77.3817, -0.5990, 39.7370 by changing the saturation by 10% instead.

77.3817, -0.5990,
39.7370

77.3817, -0.5990,
39.7370

205.9522, -6.1277,
69.9142

65.8207, -0.1667,
35.8279

102.3028, -1.5947,
47.1042

54.8991, 0.2241,
31.7308

115.6052, -2.1466,
50.6040

44.6590, 0.5660,
27.4141

129.4388, -2.7329,
54.0044

35.1490, 0.8535,
22.8454

143.7840, -3.3519,
57.3186

26.4303, 1.0794,
18.5012

158.6231, -4.0021,
60.5580

18.5825, 1.2332,
13.0077

173.9404, -4.6822,

11.7158, 1.2984,

63.7319

8.2011

189.7211, -5.3911,
66.8484

■ 4.4317, 3.4453,
3.1022

0.0000, NaN, NaN

■ 77.3817, -0.5990,
39.7370

■ 77.3817, -0.5990,
39.7370

■ 75.0953, 1.6430,
41.8694

■ 79.7833, -2.4165,
36.5894

■ 72.9187, 4.3031,
43.0050

■ 82.2928, -3.7944,
32.4294

■ 70.8515, 7.3460,
43.2053

■ 84.9096, -4.7387,
27.2802

■ 69.1537, 10.1999,
42.7908

■ 87.6304, -5.2580,
21.1761

90.4515, -5.3652,
14.1586

93.3692, -5.0759,
6.2739

96.1512, -5.6574,
0.8107

98.3939, -9.3309,
3.4580

98.7120, -9.8455,
3.8287

Harmonies

Analogous

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



77.3836, 27.8986, 35.7109



77.3817, -0.5990, 39.7370



77.3836, -26.4086, 37.3726

Triad

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



77.3836, -0.6023, 39.7377



77.3836, -46.5180, -21.8560



77.3836, 45.5794, -29.7431

Complementary

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



77.3817, -0.5990, 39.7370



51.2693, 11.9254, -64.4369

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.



77.3836, 20.9872, -56.7670



77.3817, -0.5990, 39.7370



77.3836, -31.6764, -51.1963

Square

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



77.3836, -0.6023, 39.7377



77.3836, -50.6207, 7.4679



77.3836, -7.6018, -65.7498



77.3836, 56.8346, 0.8085

Rectangle

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



77.3817, -0.5990, 39.7370



77.3836, -39.1206, 31.7936



77.3836, -7.6018, -65.7498



77.3836, 38.4428, -39.9069

Sweetspot

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



77.3836, -0.6023, 39.7377



94.4320, -5.6929, 20.1747



53.2425, 56.8012, 7.2784



43.2868, -2.6002, 10.3042

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3836, -0.6023, 39.7377



79.4041, 2.5066, 45.0890



88.0958, -31.7650, 46.7579



41.9977, -2.4641, 5.8599



51.1631, 7.0681, 31.6502



15.3231, 1.0102, 9.4597

Inverse Universe

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



51.2693, 11.9254, -64.4369



47.0021, 20.9248, -90.0125



42.8507, 41.2463, -88.0184



39.9710, -1.7514, -1.6877



24.5375, 29.0656, -93.4140



8.1606, 5.5360, -22.1506

Previews

White Background



This preview shows how the HunterLab color 77.3817, -0.5990, 39.7370 looks on a white background.

Color Contrast Check

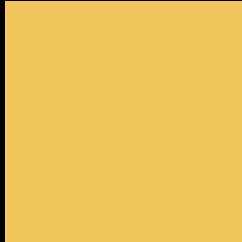
Large Text (above 18pt) WCAG AA × Fail

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 77.3817, -0.5990, 39.7370 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 77.3817, -0.5990, 39.7370 Background



This preview shows how black text looks on a background with the HunterLab color 77.3817, -0.5990, 39.7370.



This preview shows how white text looks on a background with the HunterLab color 77.3817, -0.5990,

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

77.3817, -0.5990, 39.7370

Protanopia

77.5762, -9.1538, 39.3674

Deuteranopia

77.3957, 5.4646, 39.6742



Tritanopia

77.2391, 20.8841, 5.5428

Trichromacy



Original Color

77.3817, -0.5990, 39.7370

Protanomaly

77.4843, -6.3697, 39.5309

Deuteranomaly

77.2091, 3.3514, 39.5026

Tritanomaly

76.9478, 12.1650, 21.2896

Monochromacy



Original Color

77.3817, -0.5990, 39.7370

Achromatopsia

75.5728, -4.0324, 4.1060

Achromatomaly

75.9480, -4.8179, 20.7513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3817, -0.5990, 39.7370 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(241, 198, 93)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 93)  
}
```

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(241, 198, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3817, -0.5990, 39.7370 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(241, 198, 93) }
```


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

```
.border{ border-color:rgb(241, 198, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 198, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 198, 93);  
box-shadow:4px 4px 4px 4px rgb(241, 198,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3817, -0.5990, 39.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 93) }
```

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

```
.background{ background-color: rgb(241,  
198, 93) }
```

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