

Converting Colors

HunterLab(80.7346, 2.6687,
40.6081)

Have a look what the booklet for
HunterLab(80.7346, 2.6687,
40.6081) contains.

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Color

**HunterLab(80.8734, 2.4467,
40.6610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFCC66 |
| RGB | 255, 204, 102 |
| RGB Percent | 100%, 80%, 40% |
| CMY | 0.0000, 0.2000, 0.6000 |
| CMYK | 0.00, 0.20, 0.60, 0.00 |
| HSL | 40°, 100%, 70% |
| HSV | 40°, 60%, 100% |
| XYZ | 65.2311, 65.4051, 21.7568 |
| YIQ | 207.6210, 63.1380, -20.9100 |

Conversions

Conversions Part 2

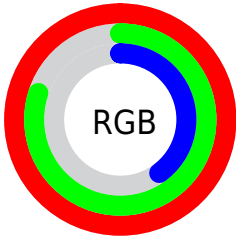
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 179, 255, 102 |
| Decimal | 16764006 |
| CIE Lab | 84.69, 7.02, 56.68 |
| CIE LCh | 85, 57.115, 82.943 |
| Yxy | 65.4082, 0.4280, 0.4292 |
| Android (android.graphics.Color) | 4294954086 (0xFFFFCC66) |
| YUV | 207.6210, -52.0712, 41.5514 |
| Hunter-Lab | 80.8734, 2.4467, 40.6610 |

Details

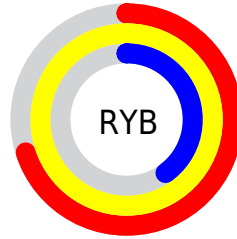
The HunterLab color **80.8734, 2.4467, 40.6610** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **57.2940, 8.5301, -62.4496**, and the grayscale version is **79.4564, -4.2396, 4.3170**.

A 20% lighter version of the original color is **97.5604, -18.8695, 40.6714**, and **57.9970, 3.0451, 32.8203** is the 20% darker color. If you saturate the color by 10%, you get **78.1325, 5.3483, 42.9801**, and if you desaturate by 10%, it is **83.7530, 0.0072, 37.2723**.

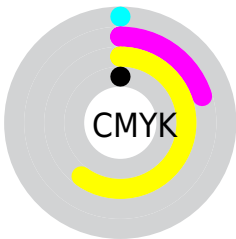
Distribution



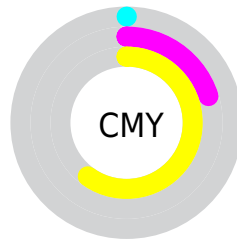
- Red (100%)
- Green (80%)
- Blue (40%)



- Red (70%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.8734, 2.4467, 40.6610 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 80.8734, 2.4467, 40.6610 by changing the saturation by 10% instead.


 80.8734, 2.4467,
40.6610


 80.8734, 2.4467,
40.6610

210.7742, -2.0214,
70.4126


 69.1319, 2.7372,
36.8291

 106.1304, 1.7158,
47.8989


 58.0193, 2.9794,
32.8193

 119.5900, 1.2889,
51.3440

 47.5755, 3.1642,
28.6009

 133.5749, 0.8231,
54.6948

 37.8467, 3.2849,
24.1403

 148.0660, 0.3208,
57.9640

 28.8897, 3.3320,
19.7731

163.0464, -0.2163,
61.1622

 20.7780, 3.2922,
14.5446

178.5004, -0.7867,

 13.6109, 3.1454,

64.2981

9.5276

194.4139, -1.3888,
67.3794

■ 7.2084, 3.8565,
5.0459

0.0000, NaN, NaN

■ 80.8734, 2.4467,
40.6610

■ 80.8734, 2.4467,
40.6610

■ 78.1325, 5.3483,
42.9801

■ 83.7530, 0.0072,
37.2723

■ 75.5271, 8.7085,
44.2329

■ 86.7613, -1.9582,
32.8321

■ 73.0591, 12.4922,
44.4677

■ 89.8956, -3.4601,
27.3782

■ 70.7202, 16.6176,
43.8683

■ 93.1505, -4.5116,
20.9578

70.7199, 16.6182,
43.8682

96.5206, -5.1301,
13.6240

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.



80.8754, 30.9796, 35.6731



80.8734, 2.4467, 40.6610



80.8754, -24.3710, 38.9306

Triad

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



80.8754, 2.4432, 40.6618



80.8754, -48.4023, -18.3711



80.8754, 43.6079, -33.2122

Complementary

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



80.8734, 2.4467, 40.6610



57.2940, 8.5301, -62.4496

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.



80.8754, 17.8982, -58.8785



80.8734, 2.4467, 40.6610



80.8754, -34.4419, -48.4613

Square

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



80.8754, 2.4432, 40.6618



80.8754, -51.3630, 10.4803



80.8754, -10.8673, -65.2501



80.8754, 56.7651, -2.1874

Rectangle

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



80.8734, 2.4467, 40.6610



80.8754, -38.0138, 33.7682



80.8754, -10.8673, -65.2501



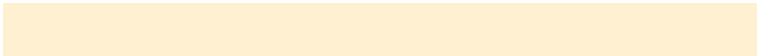
80.8754, 35.9915, -43.1319

Sweetspot

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



80.8754, 2.4432, 40.6618



93.8153, -4.6692, 19.5634



57.5006, 59.9954, 5.4063



42.9564, -2.0514, 9.9846

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.8754, 2.4432, 40.6618



77.6003, 5.9851, 43.3155



94.4560, -31.8215, 49.7553



44.7333, -2.3825, 6.1249



51.3995, 11.4702, 31.8729



16.6536, 2.4115, 10.3041

Inverse Universe

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



57.2940, 8.5301, -62.4496



50.2379, 15.1583, -80.4329



46.1238, 41.6883, -92.4622



42.8565, -2.1203, -1.6440



27.2220, 26.1325, -90.4377



9.5540, 5.5331, -23.8860

Previews

White Background



This preview shows how the HunterLab color 80.8734, 2.4467, 40.6610 looks on a white background.

Color Contrast Check

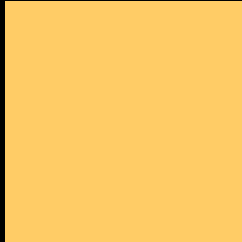
Large Text (above 18pt) WCAG AA × Fail

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 80.8734, 2.4467, 40.6610 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 80.8734, 2.4467, 40.6610 Background



This preview shows how black text looks on a background with the HunterLab color 80.8734, 2.4467, 40.6610.



This preview shows how white text looks on a background with the HunterLab color 80.8734, 2.4467,

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

80.8734, 2.4467, 40.6610

Protanopia

80.9934, -9.4504, 39.9590

Deuteranopia

80.8870, 4.6117, 35.9456



Tritanopia

80.8047, 18.4486, 6.3286

Trichromacy



Original Color

80.8734, 2.4467, 40.6610

Protanomaly

80.9183, -5.0222, 40.1774

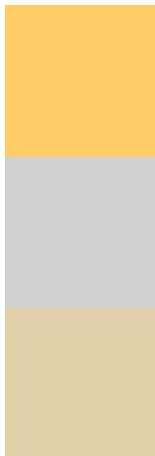
Deuteranomaly

80.7668, 3.9661, 37.7082

Tritanomaly

80.6049, 11.3546, 22.2569

Monochromacy



Original Color

80.8734, 2.4467, 40.6610

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

79.6855, -3.8689, 21.1053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.8734, 2.4467, 40.6610 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, 204, 102)` looks like.

```
.text, #text, p{  
  color:rgb(255, 204, 102)  
}
```

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, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 80.8734, 2.4467, 40.6610 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, 204, 102) }
```


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

```
.border{ border-color:rgb(255, 204, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.8734, 2.4467, 40.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 102) }
```

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

```
.background{ background-color: rgb(255,  
204, 102) }
```

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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