

Converting Colors

HunterLab(94.5122, 45.6666,
51.6357)

Have a look what the booklet for
HunterLab(94.5122, 45.6666,
51.6357) contains.

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Color

**HunterLab(80.8372, 2.2517,
41.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC63
RGB	255, 204, 99
RGB Percent	100%, 80%, 39%
CMY	0.0000, 0.2000, 0.6118
CMYK	0.00, 0.20, 0.61, 0.00
HSL	40°, 100%, 69%
HSV	40°, 61%, 100%
XYZ	65.0850, 65.3465, 20.9872
YIQ	207.2790, 64.1010, -21.8430

Conversions

Conversions Part 2

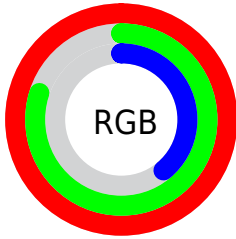
Format	Color
RYB	175, 255, 99
Decimal	16764003
CIELab	84.66, 6.82, 58.03
CIELCh	85, 58.425, 83.300
Yxy	65.3497, 0.4298, 0.4316
Android (android.graphics.Color)	4294954083 (0xFFFFCC63)
YUV	207.2790, -53.3815, 41.8513
Hunter-Lab	80.8372, 2.2517, 41.1930

Details

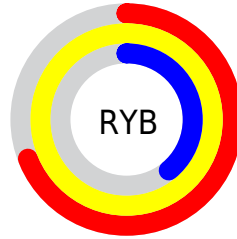
The HunterLab color $80.8372, 2.2517, 41.1930$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $56.2886, 9.6360, -64.7982$, and the grayscale version is $79.3147, -4.2320, 4.3093$.

A 20% lighter version of the original color is $97.5089, -19.1588, 41.4244$, and $57.9759, 2.9316, 33.1324$ is the 20% darker color. If you saturate the color by 10%, you get $78.1532, 5.1236, 43.3988$, and if you desaturate by 10%, it is $83.6577, -0.1600, 37.9137$.

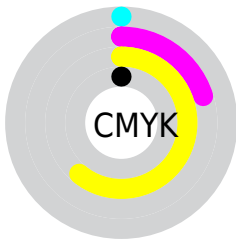
Distribution



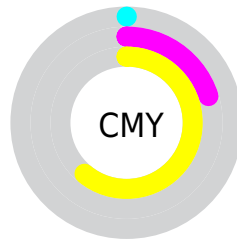
- Red (100%)
- Green (80%)
- Blue (39%)



- Red (69%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.8372, 2.2517, 41.1930 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 80.8372, 2.2517, 41.1930 by changing the saturation by 10% instead.

 80.8372, 2.2517,
41.1930

 80.8372, 2.2517,
41.1930

210.7244, -2.2852,
71.5401

 69.0975, 2.5514,
37.2783

 106.0907, 1.5036,
48.5845

 57.9868, 2.8032,
33.1815

 119.5487, 1.0685,
52.1010

 47.5452, 2.9983,
28.8723

 133.5321, 0.5950,
55.5200

 37.8186, 3.1298,
24.3184

 148.0218, 0.0851,
58.8545

 28.8640, 3.1886,
19.9551

163.0006, -0.4594,
62.1153

 20.7550, 3.1615,
14.5285

178.4532, -1.0368,

 13.5909, 3.0287,

65.3115

9.5136

194.3654, -1.6458,
68.4509

■ 7.1853, 3.7500,
5.0297

0.0000, NaN, NaN

■ 80.8372, 2.2517,
41.1930

■ 80.8372, 2.2517,
41.1930

■ 78.1532, 5.1236,
43.3988

■ 83.6577, -0.1600,
37.9137

■ 75.6019, 8.4505,
44.5403

■ 86.6053, -2.0976,
33.5747

■ 73.1847, 12.1946,
44.6738

■ 89.6776, -3.5705,
28.2105

■ 71.1545, 15.7735,
44.1212

■ 92.8696, -4.5908,
21.8662

■ 96.1759, -5.1750,
14.5930

■ 99.5914, -5.3425,
6.4455

■ 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.



80.8392, 31.5282, 36.2775



80.8372, 2.2517, 41.1930



80.8392, -25.0856, 39.3819

Triad

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



80.8392, 2.2482, 41.1938



80.8392, -49.1686, -19.3452



80.8392, 45.0711, -33.8577

Complementary

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



80.8372, 2.2517, 41.1930



56.2886, 9.6360, -64.7982

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.



80.8392, 18.7845, -60.5125



80.8372, 2.2517, 41.1930



80.8392, -34.8348, -50.2868

Square

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



80.8392, 2.2482, 41.1938



80.8392, -52.3116, 10.3108



80.8392, -10.6805, -67.3930



80.8392, 58.3932, -1.9932

Rectangle

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



80.8372, 2.2517, 41.1930



80.8392, -38.9131, 34.1267



80.8392, -10.6805, -67.3930



80.8392, 37.2954, -44.1196

Sweetspot

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



80.8392, 2.2482, 41.1938



93.9075, -4.8227, 19.6550



56.9373, 61.1488, 5.6662



43.0057, -2.1337, 10.0325

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.8392, 2.2482, 41.1938



77.6778, 5.6978, 43.6856



94.3814, -32.1641, 50.1783



44.7561, -2.4203, 6.1491



51.7100, 10.8705, 32.0537



16.7419, 2.2477, 10.3557

Inverse Universe

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



56.2886, 9.6360, -64.7982



49.3611, 16.4499, -82.9340



45.2818, 42.8395, -95.2222



42.8338, -2.0825, -1.6721



26.9709, 26.8085, -91.5831



9.4750, 5.7154, -24.1807

Previews

White Background



This preview shows how the HunterLab color 80.8372, 2.2517, 41.1930 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 80.8372, 2.2517, 41.1930 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 80.8372, 2.2517, 41.1930 Background



This preview shows how black text looks on a background with the HunterLab color 80.8372, 2.2517, 41.1930.



This preview shows how white text looks on a background with the HunterLab color 80.8372, 2.2517,

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

80.8372, 2.2517, 41.1930

Protanopia

80.9438, -9.7254, 40.6886

Deuteranopia

80.8715, 4.5282, 36.1737



Tritanopia

80.8047, 18.4486, 6.3286

Trichromacy



Original Color

80.8372, 2.2517, 41.1930

Protanomaly

80.8692, -5.2915, 40.8992

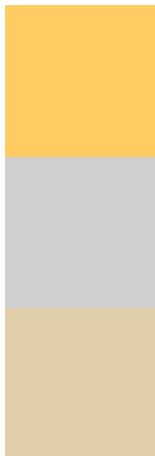
Deuteranomaly

80.7383, 3.8128, 38.1268

Tritanomaly

80.5816, 11.2319, 22.5933

Monochromacy



Original Color

80.8372, 2.2517, 41.1930

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

79.2572, -3.8415, 21.0578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.8372, 2.2517, 41.1930 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 80.8372, 2.2517, 41.1930 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, 99) }
```


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

```
.border{ border-color:rgb(255, 204, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.8372, 2.2517, 41.1930 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, 99) }
```

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

```
.background{ background-color: rgb(255,  
204, 99) }
```

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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