

Converting Colors

HunterLab(80.7514, -4.2166,
41.3812)

Have a look what the booklet for
HunterLab(80.7514, -4.2166,
41.3812) contains.

HunterLab(80.7514, -4.2166, 41.3812)	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(80.7514, -4.2166,
41.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D061
RGB	244, 208, 97
RGB Percent	96%, 82%, 38%
CMY	0.0431, 0.1843, 0.6196
CMYK	0.00, 0.15, 0.60, 0.04
HSL	45°, 87%, 67%
HSV	45°, 60%, 96%
XYZ	62.0218, 65.2079, 20.6268
YIQ	206.1100, 57.0870, -26.8890

Conversions

Conversions Part 2

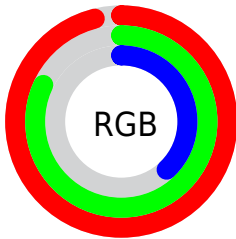
Format	Color
RYB	145, 244, 97
Decimal	16044129
CIELab	84.59, 0.10, 58.57
CIELCh	85, 58.568, 89.904
Yxy	65.2110, 0.4195, 0.4410
Android (android.graphics.Color)	4294234209 (0xFFFF4D061)
YUV	206.1100, -53.7912, 33.2295
Hunter-Lab	80.7514, -4.2166, 41.3812

Details

The HunterLab color $80.7514, -4.2166, 41.3812$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $50.8402, 15.1175, -68.2202$, and the grayscale version is $78.8171, -4.2055, 4.2823$.

A 20% lighter version of the original color is $97.4753, -19.3478, 41.9165$, and $57.9654, -2.9004, 33.3295$ is the 20% darker color. If you saturate the color by 10%, you get $78.7177, -2.5494, 43.7650$, and if you desaturate by 10%, it is $82.8896, -5.4567, 37.9487$.

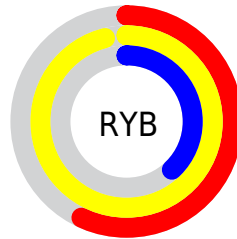
Distribution



Red (96%)

Green (82%)

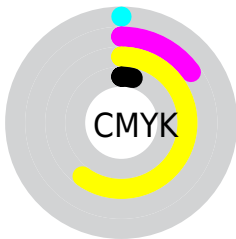
Blue (38%)



Red (57%)

Yellow (96%)

Blue (38%)

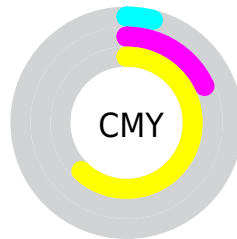


Cyan (0%)

Magenta (15%)

Yellow (60%)

Black (4%)



Cyan (4%)


Magenta (18%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.7514, -4.2166, 41.3812 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 80.7514, -4.2166, 41.3812 by changing the saturation by 10% instead.


 80.7514, -4.2166,
41.3812


 80.7514, -4.2166,
41.3812

210.6062,
-11.1203, 71.9737


 69.0161, -3.5977,
37.4321


 105.9968, -5.5593,
48.8362

 57.9100, -3.0096,
33.2991


 119.4509, -6.2737,
52.3822

 47.4733, -2.4575,
28.9519


 133.4306, -7.0164,
55.8294

 37.7520, -1.9440,
24.3591

 147.9168, -7.7863,
59.1908

 28.8032, -1.4723,
20.0076

162.8922, -8.5824,
62.4773

 20.7004, -1.0464,
14.4903

178.3415, -9.4040,

 13.5435, -0.6719,

65.6983

9.4805

194.2504,
-10.2502, 68.8615

■ 7.1302, -0.3207,
4.9912

0.0000, NaN, NaN

■ 80.7514, -4.2166,
41.3812

■ 80.7514, -4.2166,
41.3812

■ 78.7177, -2.5494,
43.7650

■ 82.8896, -5.4567,
37.9487

■ 76.7814, -0.4632,
45.1279

■ 85.1265, -6.2524,
33.4604

■ 74.9406, 2.0068,
45.5380

■ 87.4629, -6.6070,
27.9300

■ 73.2255, 4.7120,
45.2037

■ 89.8969, -6.5262,
21.3832

92.4263, -6.0203,
13.8550

95.0482, -5.1025,
5.3861

97.3228, -6.1808,
2.2257

98.9813, -8.8977,
4.1658

Harmonies

Analogous

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



80.7533, 25.4554, 38.0391



80.7514, -4.2166, 41.3812



80.7533, -30.1697, 38.0836

Triad

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



80.7533, -4.2199, 41.3820



80.7533, -47.0250, -26.6159



80.7533, 49.5533, -26.8258

Complementary

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



80.7514, -4.2166, 41.3812



50.8402, 15.1175, -68.2202

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.



80.7533, 25.2713, -56.0964



80.7514, -4.2166, 41.3812



80.7533, -30.3101, -55.9482

Square

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



80.7533, -4.2199, 41.3820



80.7533, -52.6703, 4.4843



80.7533, -4.4063, -68.2602



80.7533, 59.0427, 4.3069

Rectangle

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



80.7514, -4.2166, 41.3812



80.7533, -42.5458, 31.5494



80.7533, -4.4063, -68.2602



80.7533, 42.6964, -37.5550

Sweetspot

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



80.7533, -4.2199, 41.3820



95.0926, -6.7823, 20.8260



54.3114, 55.7075, 9.9187



43.6410, -3.1842, 10.6448

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7533, -4.2199, 41.3820



82.3621, -2.2914, 46.3711



88.8063, -34.1875, 46.5726



43.1114, -2.7765, 6.1657



54.2043, 3.1047, 33.4548



16.5594, 0.0656, 10.2050

Inverse Universe

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



50.8402, 15.1175, -68.2202



45.9867, 24.1875, -93.2163



44.8661, 42.4157, -84.7141



40.7255, -1.5331, -1.9271



23.3942, 34.1368, -102.9322



7.9751, 7.1345, -25.3695

Previews

White Background



This preview shows how the HunterLab color 80.7514, -4.2166, 41.3812 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 80.7514, -4.2166, 41.3812 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 80.7514, -4.2166, 41.3812 Background



This preview shows how black text looks on a background with the HunterLab color 80.7514, -4.2166, 41.3812.



This preview shows how white text looks on a background with the HunterLab color 80.7514, -4.2166,

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

80.7514, -4.2166, 41.3812

Protanopia

80.9081, -9.9233, 41.2137

Deuteranopia

80.5644, 4.9627, 36.1800



Tritanopia

80.7798, 18.5538, 4.8679

Trichromacy



Original Color

80.7514, -4.2166, 41.3812

Protanomaly

81.0232, -7.9345, 41.3314

Deuteranomaly

80.5526, 1.6448, 38.1659

Tritanomaly

80.3336, 9.0321, 21.5912

Monochromacy



Original Color

80.7514, -4.2166, 41.3812

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

79.1167, -5.9927, 21.6108

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7514, -4.2166, 41.3812 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(244, 208, 97)` looks like.

```
.text, #text, p{  
  color:rgb(244, 208, 97)  
}
```

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(244, 208, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7514, -4.2166, 41.3812 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(244, 208, 97) }
```


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

```
.border{ border-color:rgb(244, 208, 97) }
```

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

Here you see how a box with a 4 pixel rgb(244, 208, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 97);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7514, -4.2166, 41.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 97) }
```

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

```
.background{ background-color: rgb(244,  
208, 97) }
```

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