

Converting Colors

HunterLab(82.5093, 2.1568,
36.3251)

Have a look what the booklet for
HunterLab(82.5093, 2.1568,
36.3251) contains.

HunterLab(82.4198, 2.3690, 36.1372)	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(82.4198, 2.3690,
36.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD080
RGB	255, 208, 128
RGB Percent	100%, 82%, 50%
CMY	0.0000, 0.1843, 0.4980
CMYK	0.00, 0.18, 0.50, 0.00
HSL	38°, 100%, 75%
HSV	38°, 50%, 100%
XYZ	67.6921, 67.9302, 29.9662
YIQ	212.9330, 53.6920, -14.9160

Conversions

Conversions Part 2

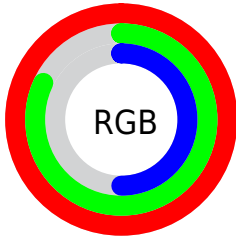
Format	Color
R _Y B	203, 255, 128
Decimal	16765056
CIE Lab	85.97, 6.98, 45.72
CIE LCh	86, 46.251, 81.320
Yxy	67.9335, 0.4088, 0.4102
Android (android.graphics.Color)	4294955136 (0xFFFFD080)
YUV	212.9330, -41.8720, 36.8928
Hunter-Lab	82.4198, 2.3690, 36.1372

Details

The HunterLab color **82.4198, 2.3690, 36.1372** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **65.1671, 1.7713, -45.8885**, and the grayscale version is **81.7024, -4.3594, 4.4390**.

A 20% lighter version of the original color is **98.0599, -16.0706, 33.3842**, and **59.4834, 2.9141, 29.7061** is the 20% darker color. If you saturate the color by 10%, you get **79.2962, 5.2719, 39.4573**, and if you desaturate by 10%, it is **85.6916, -0.0677, 31.7990**.

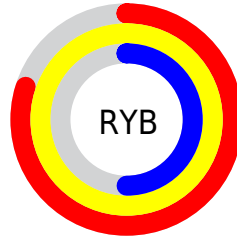
Distribution



Red (100%)

Green (82%)

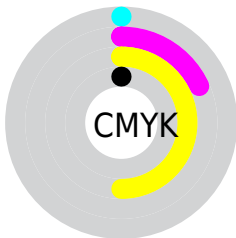
Blue (50%)



Red (80%)

Yellow (100%)

Blue (50%)

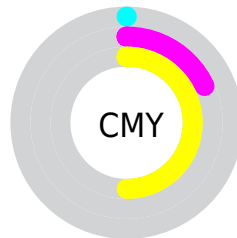


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.4198, 2.3690, 36.1372 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 82.4198, 2.3690, 36.1372 by changing the saturation by 10% instead.

 82.4198, 2.3690,
36.1372

 82.4198, 2.3690,
36.1372

212.8991, -2.1538,
61.0393

 70.6000, 2.6677,
32.9917

 107.8225, 1.6238,
42.1135

 59.4047, 2.9185,
29.7100

 121.3505, 1.1902,
44.9759

 48.8730, 3.1130,
26.2633


 135.4012, 0.7183,
47.7715

 39.0498, 3.2443,
22.6144

149.9558, 0.2100,
50.5102

 29.9904, 3.3037,
18.7186

164.9976, -0.3329,
53.2001

 21.7656, 3.2783,
15.2359

180.5112, -0.9087,

 14.4708, 3.1493,

55.8479

10.1295

196.4826, -1.5161,
58.4594

■ 8.1318, 3.3057,
5.6923

0.0000, NaN, NaN

■ 82.4198, 2.3690,
36.1372

■ 82.4198, 2.3690,
36.1372

■ 79.2962, 5.2719,
39.4573

■ 85.6916, -0.0677,
31.7990

■ 76.3211, 8.6517,
41.7254

■ 89.0990, -2.0377,
26.4863

■ 73.5014, 12.4919,
42.9364

■ 92.6367, -3.5603,
20.2548

■ 70.8399, 16.7605,
43.1265

■ 96.2978, -4.6555,
13.1630

■ 68.3305, 21.3746,
42.4666

100.0000, -5.3359,
5.4331

■ 68.2822, 21.4668,
42.4510

Harmonies

Analogous

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



82.4218, 25.0394, 30.9963



82.4198, 2.3690, 36.1372



82.4218, -19.8456, 34.8012

Triad

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



82.4218, 2.3656, 36.1381



82.4218, -41.6247, -12.2879



82.4218, 32.9661, -26.3079

Complementary

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



82.4198, 2.3690, 36.1372



65.1671, 1.7713, -45.8885

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.



82.4218, 12.2692, -45.0007



82.4198, 2.3690, 36.1372



82.4218, -30.2154, -35.4873

Square

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



82.4218, 2.3656, 36.1381



82.4218, -43.6576, 10.5751



82.4218, -10.9585, -48.7550



82.4218, 43.9314, -2.1054

Rectangle

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



82.4198, 2.3690, 36.1372



82.4218, -31.5702, 30.2031



82.4218, -10.9585, -48.7550



82.4218, 26.8157, -33.6916

Sweetspot

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



82.4218, 2.3656, 36.1381



94.3803, -4.1383, 16.9525



63.1353, 50.2819, 0.8769



43.3090, -1.8027, 8.5247

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.4218, 2.3656, 36.1381



79.2362, 5.3340, 39.5124



95.7265, -26.4509, 45.8738



44.6032, -2.1660, 5.9861



49.6567, 14.9141, 30.8593



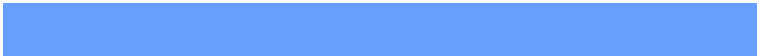
16.1557, 3.3530, 10.0137

Inverse Universe

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



65.1671, 1.7713, -45.8885



58.9142, 5.5545, -58.8114



53.3689, 30.5761, -71.6827



42.9867, -2.3369, -1.4827



28.7223, 22.2618, -83.9572



10.0190, 4.4974, -22.2315

Previews

White Background



This preview shows how the HunterLab color 82.4198, 2.3690, 36.1372 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 82.4198, 2.3690, 36.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

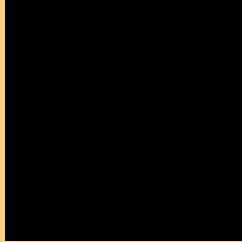
Any Text WCAG AA ✓ Pass

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 82.4198, 2.3690, 36.1372 Background



This preview shows how black text looks on a background with the HunterLab color 82.4198, 2.3690, 36.1372.



This preview shows how white text looks on a background with the HunterLab color 82.4198, 2.3690,

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

82.4198, 2.3690, 36.1372

Protanopia

82.4025, -8.4746, 35.1777

Deuteranopia

82.4196, 4.4736, 31.5945



Tritanopia

82.3635, 16.5351, 5.7258

Trichromacy



Original Color

82.4198, 2.3690, 36.1372

Protanomaly

82.2046, -4.4735, 35.3436

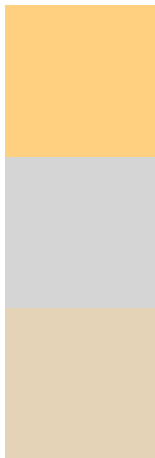
Deuteranomaly

82.3102, 3.8856, 33.1925

Tritanomaly

82.3548, 10.3671, 19.0668

Monochromacy



Original Color

82.4198, 2.3690, 36.1372

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

81.5229, -3.1182, 17.9930

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.4198, 2.3690, 36.1372 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, 208, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 128)  
}
```

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, 208, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 82.4198, 2.3690, 36.1372 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, 208, 128) }
```


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

```
.border{ border-color:rgb(255, 208, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.4198, 2.3690, 36.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 128) }
```

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

```
.background{ background-color: rgb(255,  
208, 128) }
```

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