

# Converting Colors

HunterLab(83.1661, 0.7420,  
39.9773)

Have a look what the booklet for  
HunterLab(83.1661, 0.7420,  
39.9773) contains.

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# Color

**HunterLab(82.8059, 0.2161,  
39.6297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD272
RGB	255, 210, 114
RGB Percent	100%, 82%, 45%
CMY	0.0000, 0.1764, 0.5529
CMYK	0.00, 0.18, 0.55, 0.00
HSL	41°, 100%, 72%
HSV	41°, 55%, 100%
XYZ	67.3239, 68.5682, 25.6063
YIQ	212.5110, 57.6360, -20.3160

# Conversions

## Conversions Part 2

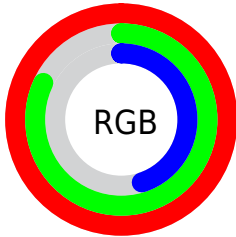
Format	Color
<a href="#">RYB</a>	<a href="#">180, 255, 114</a>
Decimal	<a href="#">16765554</a>
CIELab	<a href="#">86.29, 4.80, 52.91</a>
CIELCh	<a href="#">86, 53.129, 84.820</a>
Yxy	<a href="#">68.5715, 0.4169, 0.4246</a>
Android (android.graphics.Color)	<a href="#">4294955634 (0xFFFFD272)</a>
YUV	<a href="#">212.5110, -48.5659, 37.2629</a>
Hunter-Lab	<a href="#">82.8059, 0.2161, 39.6297</a>

# Details

The HunterLab color  $82.8059, 0.2161, 39.6297$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $59.6594, 7.4579, -57.1292$ , and the grayscale version is  $81.5472, -4.3512, 4.4306$ .

A 20% lighter version of the original color is  $97.7789, -17.6432, 37.4787$ , and  $59.7719, 0.7088, 32.3229$  is the 20% darker color. If you saturate the color by 10%, you get  $80.0954, 2.7129, 42.4865$ , and if you desaturate by 10%, it is  $85.6483, -1.8178, 35.7016$ .

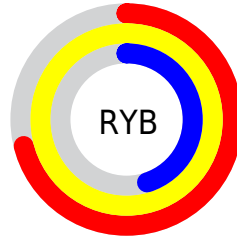
# Distribution



Red (100%)

Green (82%)

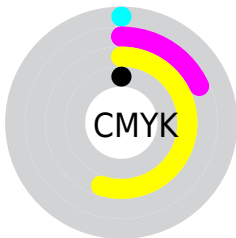
Blue (45%)



Red (71%)

Yellow (100%)

Blue (45%)

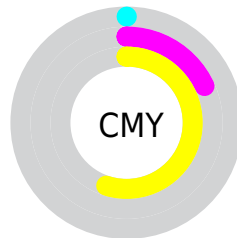


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8059, 0.2161, 39.6297 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 82.8059, 0.2161, 39.6297 by changing the saturation by 10% instead.



82.8059, 0.2161,  
39.6297

82.8059, 0.2161,  
39.6297

213.4287, -5.0760,  
67.6179

70.9667, 0.6179,  
36.0526

108.2448, -0.7220,  
46.4028

59.7509, 0.9773,  
32.3145

121.7897, -1.2462,  
49.6347

49.1975, 1.2868,  
28.3851

135.8567, -1.8056,  
52.7833

39.3509, 1.5408,  
24.2284

150.4271, -2.3985,  
55.8601

30.2662, 1.7322,  
19.8634

165.4841, -3.0232,  
58.8745

22.0136, 1.8509,  
15.4095

181.0124, -3.6785,

14.6873, 1.8817,

61.8345

10.2811

196.9982, -4.3631,  
64.7471

■ 8.3456, 2.0589,  
5.8419

0.0000, NaN, NaN

■ 82.8059, 0.2161,  
39.6297

■ 82.8059, 0.2161,  
39.6297

■ 80.0954, 2.7129,  
42.4865

■ 85.6483, -1.8178,  
35.7016

■ 77.5135, 5.6745,  
44.2654

■ 88.6129, -3.3805,  
30.7249

■ 75.0628, 9.0747,  
44.9968

■ 91.6972, -4.4847,  
24.7397

■ 72.7407, 12.8696,  
44.7642

■ 94.8965, -5.1446,  
17.7938

71.6857, 14.7493,  
44.4306

98.2056, -5.3780,  
9.9394

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



82.8079, 26.9163, 35.0702



82.8059, 0.2161, 39.6297



82.8079, -24.6812, 37.4603

# Triad

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



82.8079, 0.2127, 39.6305



82.8079, -45.6609, -18.4447



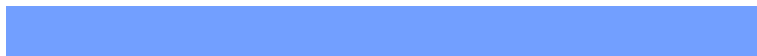
82.8079, 41.3098, -28.4381

# Complementary

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



82.8059, 0.2161, 39.6297



59.6594, 7.4579, -57.1292

# 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.



82.8079, 17.9921, -52.4240



82.8059, 0.2161, 39.6297



82.8079, -31.6992, -45.5006

# Square

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



82.8079, 0.2127, 39.6305



82.8079, -49.1751, 8.7519



82.8079, -8.9586, -59.4858



82.8079, 52.4689, 0.0257



# Rectangle

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



82.8059, 0.2161, 39.6297



82.8079, -37.2668, 31.9754



82.8079, -8.9586, -59.4858



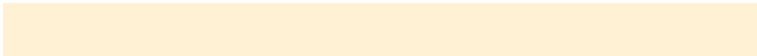
82.8079, 34.5023, -37.6057

# Sweetspot

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



82.8079, 0.2127, 39.6305



94.3426, -5.0626, 19.0454



59.8903, 55.2142, 4.4897



43.3474, -2.2902, 9.4768

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.8079, 0.2127, 39.6305



79.9087, 2.9073, 42.6476



94.7666, -30.3860, 47.9022



44.7837, -2.4661, 6.1785



52.0893, 10.1431, 32.2747

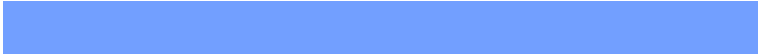


16.8497, 2.0491, 10.4186



# Inverse Universe

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



59.6594, 7.4579, -57.1292



53.0158, 12.9100, -72.9101



49.6148, 37.1757, -81.8334



42.8063, -2.0367, -1.7063



26.6706, 27.6284, -92.9776



9.3799, 5.9372, -24.5407



# Previews

## White Background



This preview shows how the HunterLab color 82.8059, 0.2161, 39.6297 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

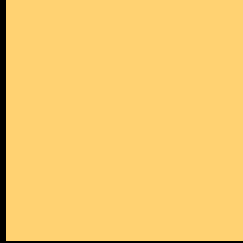
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.8059, 0.2161, 39.6297 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 82.8059, 0.2161, 39.6297 Background



This preview shows how black text looks on a background with the HunterLab color 82.8059, 0.2161, 39.6297.



This preview shows how white text looks on a background with the HunterLab color 82.8059, 0.2161,



# 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

82.8059, 0.2161, 39.6297

### Protanopia

82.7948, -9.1359, 39.0256

### Deuteranopia

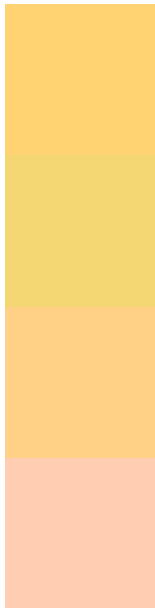
82.7140, 3.9538, 31.8353



## Tritanopia

82.6777, 16.1543, 5.6064

# Trichromacy



**Original Color**

82.8059, 0.2161, 39.6297

**Protanomaly**

82.8034, -5.9720, 39.3047

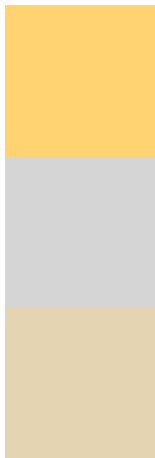
**Deuteranomaly**

82.8143, 2.3842, 34.9241

**Tritanomaly**

82.5451, 9.3120, 20.7736

# Monochromacy



**Original Color**

82.8059, 0.2161, 39.6297

**Achromatopsia**

81.5713, -4.3524, 4.4319

**Achromatomaly**

81.7039, -4.3086, 20.0859

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.8059, 0.2161, 39.6297 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, 210, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 114)  
}
```

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, 210, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 114) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.8059, 0.2161, 39.6297 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, 210, 114) }
```



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

```
.border{ border-color:rgb(255, 210, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
114) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.8059, 0.2161, 39.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 114) }
```

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

```
.background{ background-color: rgb(255,  
210, 114) }
```

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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