

# Converting Colors

HunterLab(87.3190, 4.7305,  
38.5727)

Have a look what the booklet for  
HunterLab(87.3190, 4.7305,  
38.5727) contains.

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# Color

**HunterLab(85.2097, -1.7331,  
36.7819)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD986
RGB	255, 217, 134
RGB Percent	100%, 85%, 53%
CMY	0.0000, 0.1490, 0.4745
CMYK	0.00, 0.15, 0.47, 0.00
HSL	41°, 100%, 76%
HSV	41°, 47%, 100%
XYZ	70.3559, 72.6069, 32.8607
YIQ	218.9000, 49.2910, -17.7570

# Conversions

## Conversions Part 2

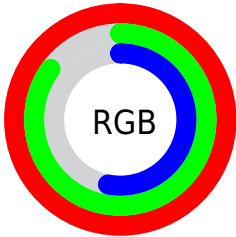
Format	Color
<b>RYB</b>	189, 255, 134
Decimal	16767366
CIELab	88.26, 2.90, 45.61
CIELCh	88, 45.698, 86.364
Yxy	72.6104, 0.4001, 0.4130
Android (android.graphics.Color)	4294957446 (0xFFFFD986)
YUV	218.9000, -41.8557, 31.6597
Hunter-Lab	85.2097, -1.7331, 36.7819

# Details

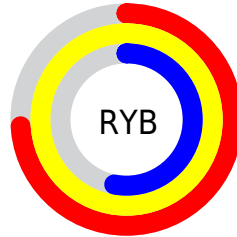
The HunterLab color **85.2097, -1.7331, 36.7819** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **64.6467, 4.5866, -46.8529**, and the grayscale version is **84.2839, -4.4972, 4.5793**.

A 20% lighter version of the original color is **98.1890, -15.3493, 31.5063**, and **61.7945, -0.6604, 30.4068** is the 20% darker color. If you saturate the color by 10%, you get **82.4343, 0.3295, 40.4961**, and if you desaturate by 10%, it is **88.1127, -3.3336, 32.0107**.

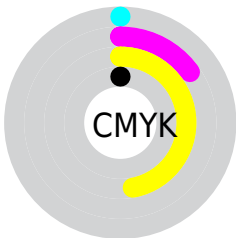
# Distribution



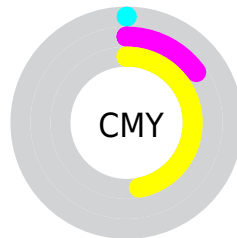
- Red (100%)
- Green (85%)
- Blue (53%)



- Red (74%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.2097, -1.7331, 36.7819 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 85.2097, -1.7331, 36.7819 by changing the saturation by 10% instead.





 85.2097, -1.7331,  
36.7819


 85.2097, -1.7331,  
36.7819


216.7172, -7.7443,  
61.5180


 73.2512, -1.2341,  
33.6708

 110.8711, -2.8519,  
42.7036

 61.9095, -0.7723,  
30.4297

 124.5204, -3.4611,  
45.5438

 51.2223, -0.3540,  
27.0315

 138.6880, -4.1023,  
48.3200

 41.2325, 0.0165,  
23.4408

153.3556, -4.7741,  
51.0416

 31.9927, 0.3340,  
19.6144

168.5066, -5.4753,  
53.7162

 23.5696, 0.5912,  
15.9498

184.1261, -6.2047,

 16.0518, 0.7776,

56.3503

11.2363

200.2005, -6.9613,  
58.9493

■ 9.5651, 0.8760,  
6.6956

0.0000, NaN, NaN

■ 85.2097, -1.7331,  
36.7819

■ 85.2097, -1.7331,  
36.7819

■ 82.4343, 0.3295,  
40.4961

■ 88.1127, -3.3336,  
32.0107

■ 79.7837, 2.8638,  
43.1305

■ 91.1330, -4.4697,  
26.2153

■ 77.2619, 5.8551,  
44.6897

■ 94.2683, -5.1574,  
19.4418

■ 74.8687, 9.2768,  
45.2138

■ 97.5136, -5.4138,  
11.7411

■ 72.5998, 13.0760, 100.0000, -5.3358,  
44.8121 5.4332

■ 72.0365, 14.0774,  
44.6350

# Harmonies

## Analogous

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



85.2117, 21.2791, 32.6959



85.2097, -1.7331, 36.7819



85.2117, -23.2646, 34.3158

# Triad

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



85.2117, -1.7364, 36.7828



85.2117, -40.5752, -16.1741



85.2117, 35.3630, -22.0257

# Complementary

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



85.2097, -1.7331, 36.7819



64.6467, 4.5866, -46.8529

# 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.



85.2117, 15.9308, -42.1628



85.2097, -1.7331, 36.7819



85.2117, -27.6297, -38.2047

# Square

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



85.2117, -1.7364, 36.7828



85.2117, -44.2488, 7.2561



85.2117, -7.3300, -48.7503



85.2117, 44.0793, 1.9347

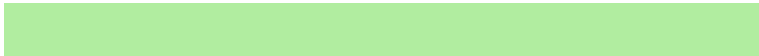


# Rectangle

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



85.2097, -1.7331, 36.7819



85.2117, -34.1780, 28.8071



85.2117, -7.3300, -48.7503



85.2117, 29.7735, -29.6878

# Sweetspot

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



85.2117, -1.7364, 36.7828



95.3758, -5.2937, 16.8872



64.2664, 46.5247, 4.2595



43.8041, -2.4124, 8.5579

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.2117, -1.7364, 36.7828



82.5566, 0.2265, 40.3522



95.1493, -28.4234, 44.0782



44.8018, -2.4962, 6.1978



52.3398, 9.6661, 32.4207



16.9208, 1.9188, 10.4601



# Inverse Universe

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



64.6467, 4.5866, -46.8529



58.3540, 8.6334, -60.0166



55.9976, 30.5348, -65.1299



42.7882, -2.0065, -1.7288



26.4761, 28.1661, -93.8952



9.3180, 6.0831, -24.7783



# Previews

## White Background



This preview shows how the HunterLab color 85.2097, -1.7331, 36.7819 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

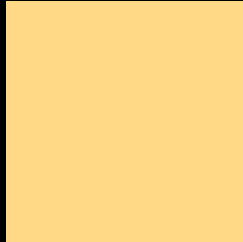
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.2097, -1.7331, 36.7819 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 85.2097, -1.7331, 36.7819 Background



This preview shows how black text looks on a background with the HunterLab color 85.2097, -1.7331, 36.7819.



This preview shows how white text looks on a background with the HunterLab color 85.2097, -1.7331,



# 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

85.2097, -1.7331, 36.7819

### Protanopia

85.3800, -8.9581, 36.2790

### Deuteranopia

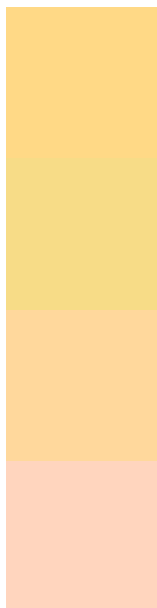
85.2573, 2.8171, 26.8219



## Tritanopia

85.2215, 13.1293, 4.6639

# Trichromacy



## Original Color

85.2097, -1.7331, 36.7819

## Protanomaly

85.2701, -6.1963, 36.4966

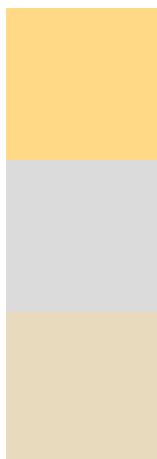
## Deuteranomaly

85.3065, 0.9447, 30.7218

## Tritanomaly

85.1858, 6.6743, 18.7018

# Monochromacy



## Original Color

85.2097, -1.7331, 36.7819

## Achromatopsia

84.1651, -4.4908, 4.5728

## Achromatomaly

84.2196, -4.4752, 18.3236

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.2097, -1.7331, 36.7819 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, 217, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 134)  
}
```

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, 217, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.2097, -1.7331, 36.7819 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, 217, 134) }
```



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

```
.border{ border-color:rgb(255, 217, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.2097, -1.7331, 36.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 134) }
```

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

```
.background{ background-color: rgb(255,  
217, 134) }
```

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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