

# Converting Colors

HunterLab(85.4337, -5.5043,  
44.2769)

Have a look what the booklet for  
HunterLab(85.4337, -5.5043,  
44.2769) contains.

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# Color

**HunterLab(85.3369, -5.3805,  
44.2886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDB63
RGB	255, 219, 99
RGB Percent	100%, 86%, 39%
CMY	0.0000, 0.1412, 0.6118
CMYK	0.00, 0.14, 0.61, 0.00
HSL	46°, 100%, 69%
HSV	46°, 61%, 100%
XYZ	68.8236, 72.8239, 22.2334
YIQ	216.0840, 59.9760, -29.6880

# Conversions

## Conversions Part 2

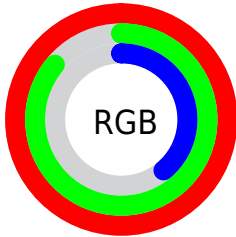
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	146, 255, 99
Decimal	16767843
CIE Lab	88.37, -0.86, 62.16
CIE LCh	88, 62.171, 90.790
Yxy	72.8273, 0.4200, 0.4444
Android (android.graphics.Color)	4294957923 (0xFFFFDB63)
YUV	216.0840, -57.7224, 34.1293
Hunter-Lab	85.3369, -5.3805, 44.2886

# Details

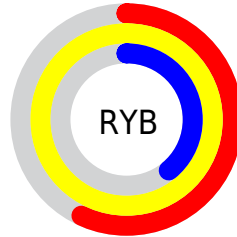
The HunterLab color **85.3369, -5.3805, 44.2886** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **52.1534, 17.7734, -75.1055**, and the grayscale version is **83.1277, -4.4355, 4.5165**.

A 20% lighter version of the original color is **97.5259, -19.0631, 41.1754**, and **61.9152, -3.8847, 35.8020** is the 20% darker color. If you saturate the color by 10%, you get **83.3055, -3.7561, 46.7180**, and if you desaturate by 10%, it is **87.4751, -6.5569, 40.7489**.

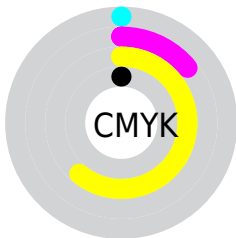
# Distribution



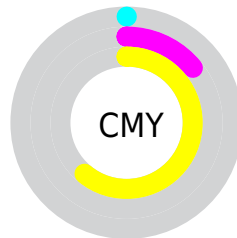
- Red (100%)
- Green (86%)
- Blue (39%)



- Red (57%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (14%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.3369, -5.3805, 44.2886 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 85.3369, -5.3805, 44.2886 by changing the saturation by 10% instead.



85.3369, -5.3805,  
44.2886

85.3369, -5.3805,  
44.2886

216.8908,  
-12.7124, 76.1665

73.3722, -4.7040,  
40.1852

111.0099, -6.8310,  
52.0484

62.0239, -4.0550,  
35.8985

124.6648, -7.5960,  
55.7433

51.3297, -3.4382,  
31.4005

138.8377, -8.3873,  
59.3366

41.3324, -2.8554,  
26.6624

153.5103, -9.2042,  
62.8411

32.0845, -2.3087,  
21.9447

168.6663,  
-10.0458, 66.2677

23.6526, -1.8004,  
16.5568

184.2906,

16.1248, -1.3333,

-10.9115, 69.6258

11.2873

200.3696,  
-11.8006, 72.9231

■ 9.6266, -0.9107,  
6.7386

0.0000, NaN, NaN

■ 85.3369, -5.3805,  
44.2886

■ 85.3369, -5.3805,  
44.2886

■ 83.3055, -3.7561,  
46.7180

■ 87.4751, -6.5569,  
40.7489

■ 81.3727, -1.6946,  
48.0741

■ 89.7147, -7.2650,  
36.0847

■ 79.5357, 0.7639,  
48.4379

■ 92.0571, -7.5061,  
30.3052

■ 77.9831, 3.1941,  
48.1087

■ 94.5007, -7.2847,  
23.4329

■ 97.0437, -6.6100,  
15.5009

■ 99.6834, -5.4950,  
6.5498

■ 99.9999, -5.3359,  
5.4331

# Harmonies

## Analogous

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



85.3389, 26.7573, 40.9676



85.3369, -5.3805, 44.2886



85.3389, -33.1638, 40.5810

# Triad

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



85.3389, -5.3839, 44.2894



85.3389, -50.2461, -30.0604



85.3389, 54.4120, -28.1853

# Complementary

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



85.3369, -5.3805, 44.2886



52.1534, 17.7734, -75.1055

# 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.



85.3389, 28.3954, -60.4106



85.3369, -5.3805, 44.2886



85.3389, -31.9218, -61.7392

# Square

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



85.3389, -5.3839, 44.2894



85.3389, -56.6689, 3.8543



85.3389, -3.7290, -74.4512



85.3389, 64.1421, 5.4286



# Rectangle

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



85.3369, -5.3805, 44.2886



85.3389, -46.2676, 33.4339



85.3389, -3.7290, -74.4512



85.3389, 47.1130, -39.9129

# Sweetspot

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



85.3389, -5.3839, 44.2894



95.2977, -7.1191, 21.0275



56.5198, 59.3266, 11.6645



43.7511, -3.3646, 10.7501

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.3389, -5.3839, 44.2894



82.9456, -3.4114, 47.0439



93.0734, -37.1276, 49.1812



45.0979, -2.9859, 6.5119



56.5814, 1.9397, 34.8992



18.1154, -0.1890, 11.1593



# Inverse Universe

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



52.1534, 17.7734, -75.1055



44.7482, 26.4644, -97.3154



46.6607, 46.2263, -90.6524



42.4943, -1.5146, -2.0953



23.6293, 36.7358, -108.8365



8.3714, 8.4861, -28.7826



# Previews

## White Background



This preview shows how the HunterLab color 85.3369, -5.3805, 44.2886 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 85.3369, -5.3805, 44.2886 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 85.3369, -5.3805, 44.2886 Background



This preview shows how black text looks on a background with the HunterLab color 85.3369, -5.3805, 44.2886.



This preview shows how white text looks on a background with the HunterLab color 85.3369, -5.3805,



# 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

85.3369, -5.3805, 44.2886

### Protanopia

85.2968, -10.2570, 43.9994

### Deuteranopia

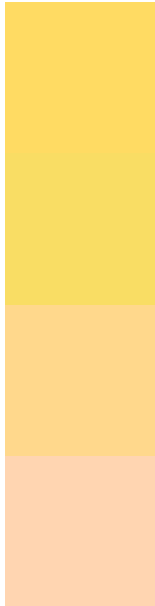
85.1500, 2.2383, 28.3812



## Tritanopia

85.2215, 13.1293, 4.6639

# Trichromacy



## Original Color

85.3369, -5.3805, 44.2886

## Protanomaly

85.3069, -8.6255, 44.0352

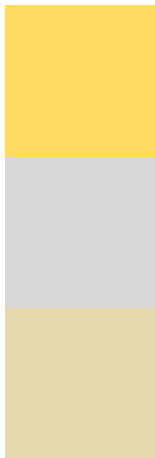
## Deuteranomaly

85.0089, -0.6693, 35.0658

## Tritanomaly

84.8663, 4.9627, 23.3216

# Monochromacy



## Original Color

85.3369, -5.3805, 44.2886

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

83.3462, -6.6712, 23.1166

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.3369, -5.3805, 44.2886 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, 219, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 99) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.3369, -5.3805, 44.2886 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, 219, 99) }
```



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

```
.border{ border-color:rgb(255, 219, 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, 219, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
99) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.3369, -5.3805, 44.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 99) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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