

# Converting Colors

HunterLab(84.1346, -5.2916,  
32.3328)

Have a look what the booklet for  
HunterLab(84.1346, -5.2916,  
32.3328) contains.

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# Color

**HunterLab(84.0295, -5.3696,  
32.2077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D993
RGB	242, 217, 147
RGB Percent	95%, 85%, 58%
CMY	0.0510, 0.1490, 0.4235
CMYK	0.00, 0.10, 0.39, 0.05
HSL	44°, 79%, 76%
HSV	44°, 39%, 95%
XYZ	66.6973, 70.6096, 37.7175
YIQ	216.4950, 37.3700, -16.4700

# Conversions

## Conversions Part 2

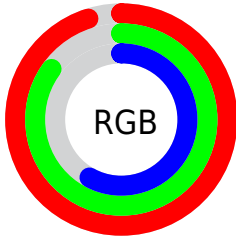
Format	Color
R <sub>Y</sub> B	181, 242, 147
Decimal	15915411
CIE Lab	87.30, -0.92, 37.63
CIE LCh	87, 37.645, 91.404
Yxy	70.6128, 0.3811, 0.4034
Android (android.graphics.Color)	4294105491 (0xFFFF2D993)
YUV	216.4950, -34.2610, 22.3679
Hunter-Lab	84.0295, -5.3696, 32.2077

# Details

The HunterLab color **84.0295, -5.3696, 32.2077** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8981, 4.1808, -36.6821**, and the grayscale version is **83.2141, -4.4401, 4.5212**.

A 20% lighter version of the original color is **98.5110, -13.5550, 26.8345**, and **60.7102, -4.0618, 26.7650** is the 20% darker color. If you saturate the color by 10%, you get **81.6773, -4.4108, 36.6963**, and if you desaturate by 10%, it is **86.4871, -5.8989, 26.7079**.

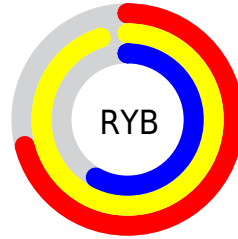
# Distribution



Red (95%)

Green (85%)

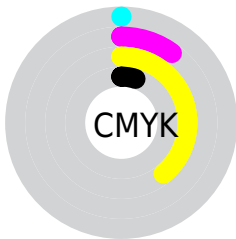
Blue (58%)



Red (71%)

Yellow (95%)

Blue (58%)

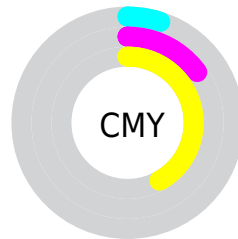


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0295, -5.3696, 32.2077 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 84.0295, -5.3696, 32.2077 by changing the saturation by 10% instead.



84.0295, -5.3696,  
32.2077

84.0295, -5.3696,  
32.2077

215.1044,  
-12.6999, 53.6396

72.1293, -4.6928,  
29.5587

109.5821, -6.8194,  
37.2775

60.8490, -4.0437,  
26.8081

123.1804, -7.5842,  
39.7227

50.2271, -3.4270,  
23.9321

137.2988, -8.3755,  
42.1214

40.3073, -2.8442,  
20.8978

151.9188, -9.1922,  
44.4812

31.1431, -2.2974,  
17.6616

167.0239,  
-10.0337, 46.8082

22.8031, -1.7888,  
14.2481

182.5988,

15.3784, -1.3213,

-10.8992, 49.1075

10.7649

198.6298,  
-11.7881, 51.3834

■ 8.9876, -0.9273,  
6.2913

0.0000, NaN, NaN

■ 84.0295, -5.3696,  
32.2077

■ 84.0295, -5.3696,  
32.2077

■ 81.6773, -4.4108,  
36.6963

■ 86.4871, -5.8989,  
26.7079

■ 79.4266, -3.0116,  
40.1521

■ 89.0420, -5.9974,  
20.2247

■ 77.2800, -1.1801,  
42.5738

■ 91.6931, -5.6799,  
12.7974

■ 75.2370, 1.0683,  
43.9833

■ 94.4372, -4.9608,  
4.4694

73.2949, 3.7045,  
44.4382

96.8248, -6.3006,  
1.6203

71.4444, 6.6623,  
44.0974

98.8014, -9.5305,  
3.9407

71.3089, 6.8878,  
44.0608

# Harmonies

## Analogous

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



84.0314, 13.5298, 29.5191



84.0295, -5.3696, 32.2077



84.0314, -22.5133, 28.9564

# Triad

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



84.0314, -5.3726, 32.2087



84.0314, -33.1792, -15.3976



84.0314, 29.6782, -13.6126

# Complementary

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



84.0295, -5.3696, 32.2077



64.8981, 4.1808, -36.6821

# 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.



84.0314, 15.1972, -30.4023



84.0295, -5.3696, 32.2077



84.0314, -21.1054, -31.5821

# Square

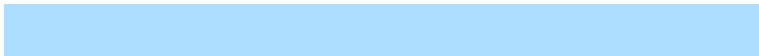
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0314, -5.3726, 32.2087



84.0314, -37.6699, 3.7267



84.0314, -3.6002, -37.5944



84.0314, 34.8048, 5.4127



# Rectangle

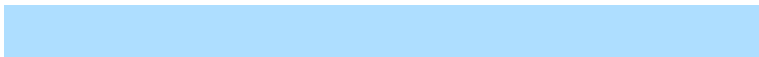
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0295, -5.3696, 32.2077



84.0314, -30.9248, 23.3283



84.0314, -3.6002, -37.5944



84.0314, 25.6837, -19.8395

# Sweetspot

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



84.0314, -5.3726, 32.2087



96.5163, -6.1648, 15.8690



65.3735, 34.4906, 5.3357



44.4814, -2.8767, 7.8288

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.0314, -5.3726, 32.2087



87.2004, -4.9365, 38.0233



89.8892, -25.2841, 36.7388



42.0883, -2.6139, 5.9560



52.4894, 4.6436, 32.4250



15.6625, 0.4125, 9.6584



# Inverse Universe

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



64.8981, 4.1808, -36.6821



63.1700, 7.6416, -49.7379



59.7768, 23.3736, -46.0769



39.8810, -1.6009, -1.7997



23.6281, 31.7738, -98.1236



7.8829, 6.2155, -23.2704



# Previews

## White Background



This preview shows how the HunterLab color 84.0295, -5.3696, 32.2077 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 84.0295, -5.3696, 32.2077 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

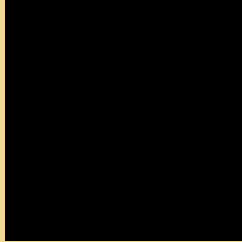
Any Text WCAG AA ✓ Pass

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 84.0295, -5.3696, 32.2077 Background



This preview shows how black text looks on a background with the HunterLab color 84.0295, -5.3696, 32.2077.



This preview shows how white text looks on a background with the HunterLab color 84.0295, -5.3696,



# 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

84.0295, -5.3696, 32.2077

### Protanopia

84.1461, -8.0938, 31.9678

### Deuteranopia

83.9600, 4.3253, 27.3425



## Tritanopia

83.8639, 13.2800, 2.0521

# Trichromacy



## Original Color

84.0295, -5.3696, 32.2077

## Protanomaly

84.0426, -6.8675, 31.9012

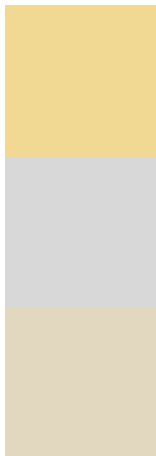
## Deuteranomaly

83.8730, 0.7171, 29.1457

## Tritanomaly

83.8738, 5.6334, 14.8640

# Monochromacy



## Original Color

84.0295, -5.3696, 32.2077

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

82.9945, -5.4179, 15.8338

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.0295, -5.3696, 32.2077 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(242, 217, 147)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 147)  
}
```

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(242, 217, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 147) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.0295, -5.3696, 32.2077 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(242, 217, 147) }
```



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

```
.border{ border-color:rgb(242, 217, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 147);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
147) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.0295, -5.3696, 32.2077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 147) }
```

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

```
.background{ background-color: rgb(242,  
217, 147) }
```

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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