

Converting Colors

HunterLab(83.5986, -1.8490,
41.6266)

Have a look what the booklet for
HunterLab(83.5986, -1.8490,
41.6266) contains.

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Color

**HunterLab(83.6122, -1.8171,
41.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD56B
RGB	255, 213, 107
RGB Percent	100%, 84%, 42%
CMY	0.0000, 0.1647, 0.5804
CMYK	0.00, 0.16, 0.58, 0.00
HSL	43°, 100%, 71%
HSV	43°, 58%, 100%
XYZ	67.6881, 69.9100, 23.8364
YIQ	213.4740, 59.0580, -24.0620

Conversions

Conversions Part 2

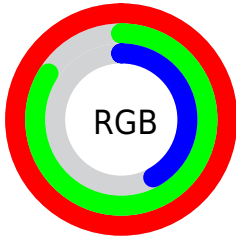
Format	Color
R_{YB}	166, 255, 107
Decimal	16766315
CIE _{Lab}	86.95, 2.74, 56.97
CIE _{LCh}	87, 57.033, 87.245
Yxy	69.9133, 0.4193, 0.4331
Android (android.graphics.Color)	4294956395 (0xFFFFD56B)
YUV	213.4740, -52.4917, 36.4183
Hunter-Lab	83.6122, -1.8171, 41.6260

Details

The HunterLab color **83.6122, -1.8171, 41.6260** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **56.4265, 11.5314, -64.4366**, and the grayscale version is **81.9785, -4.3742, 4.4540**.

A 20% lighter version of the original color is **97.6490, -18.3721, 39.3764**, and **60.5514, -1.1088, 33.8748** is the 20% darker color. If you saturate the color by 10%, you get **81.1752, 0.3477, 44.2675**, and if you desaturate by 10%, it is **86.1703, -3.5243, 37.8914**.

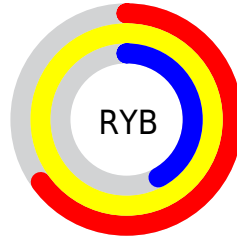
Distribution



Red (100%)

Green (84%)

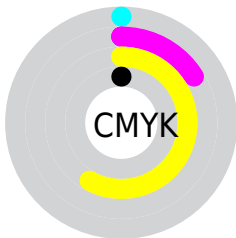
Blue (42%)



Red (65%)

Yellow (100%)

Blue (42%)

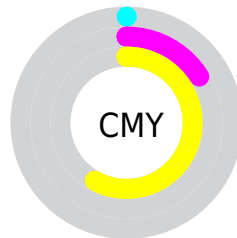


Cyan (0%)

Magenta (16%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6122, -1.8171, 41.6260 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 83.6122, -1.8171, 41.6260 by changing the saturation by 10% instead.


 83.6122, -1.8171,
41.6260


 83.6122, -1.8171,
41.6260


214.5334, -7.8473,
71.3370

 71.7328, -1.3160,
37.8130

 109.1262, -2.9405,
48.8390


 60.4744, -0.8519,
33.8277


 122.7063, -3.5518,
52.2765

 49.8758, -0.4314,
29.6404


 136.8072, -4.1952,
55.6221

 39.9808, -0.0587,
25.2177

 151.4104, -4.8691,
58.8880

 30.8436, 0.2609,
20.6838

166.4991, -5.5723,
62.0845

 22.5332, 0.5200,
15.7733

182.0582, -6.3037,

 15.1420, 0.7076,

65.2201

10.5994

198.0738, -7.0624,
68.3022

■ 8.7743, 0.8928,
6.1420

0.0000, NaN, NaN

■ 83.6122, -1.8171,
41.6260

■ 83.6122, -1.8171,
41.6260

■ 81.1752, 0.3477,
44.2675

■ 86.1703, -3.5243,
37.8914

■ 78.8537, 2.9668,
45.8278

■ 88.8416, -4.7603,
33.0717

■ 76.6479, 6.0082,
46.3589

■ 91.6254, -5.5334,
27.1948

■ 74.5512, 9.4147,
45.9887

■ 94.5182, -5.8540,
20.2991

■ 74.1490, 10.1047,
45.8672

■ 97.5163, -5.7363,
12.4301

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



83.6142, 27.2324, 37.5495



83.6122, -1.8171, 41.6260



83.6142, -28.0607, 38.8535

Triad

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



83.6142, -1.8205, 41.6268



83.6142, -47.7485, -22.9430



83.6142, 46.6830, -28.7769

Complementary

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



83.6122, -1.8171, 41.6260



56.4265, 11.5314, -64.4366

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.



83.6142, 22.0753, -56.1784



83.6122, -1.8171, 41.6260



83.6142, -32.0487, -52.0939

Square

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



83.6142, -1.8205, 41.6268



83.6142, -52.3848, 7.0139



83.6142, -7.0788, -65.8814



83.6142, 57.4794, 2.0115

Rectangle

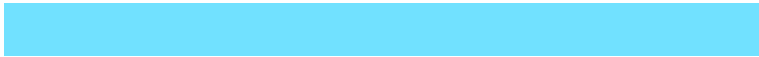
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6122, -1.8171, 41.6260



83.6142, -40.9559, 32.7287



83.6142, -7.0788, -65.8814



83.6142, 39.6037, -39.0346

Sweetspot

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



83.6142, -1.8205, 41.6268



94.8248, -5.8619, 19.5269



58.3296, 57.4098, 7.0129



43.5964, -2.7029, 9.7212

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6142, -1.8205, 41.6268



80.7107, 0.8267, 44.6580



94.1558, -32.8443, 48.6837



44.9092, -2.6743, 6.3120



53.8477, 6.8455, 33.3005



17.3473, 1.1492, 10.7094

Inverse Universe

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



56.4265, 11.5314, -64.4366



48.9837, 18.7863, -84.0010



47.9800, 40.8859, -86.6275



42.6813, -1.8279, -1.8619



25.3687, 31.3361, -99.3543



8.9600, 6.9525, -26.2076

Previews

White Background



This preview shows how the HunterLab color 83.6122, -1.8171, 41.6260 looks on a white background.

Color Contrast Check

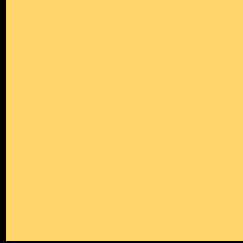
Large Text (above 18pt) WCAG AA × Fail

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 83.6122, -1.8171, 41.6260 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 83.6122, -1.8171, 41.6260 Background



This preview shows how black text looks on a background with the HunterLab color 83.6122, -1.8171, 41.6260.



This preview shows how white text looks on a background with the HunterLab color 83.6122, -1.8171,

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

83.6122, -1.8171, 41.6260

Protanopia

83.6347, -9.5377, 41.1118

Deuteranopia

83.6962, 2.9054, 31.1839



Tritanopia

83.6256, 15.0153, 5.2502

Trichromacy



Original Color

83.6122, -1.8171, 41.6260

Protanomaly

83.5388, -6.7312, 41.2892

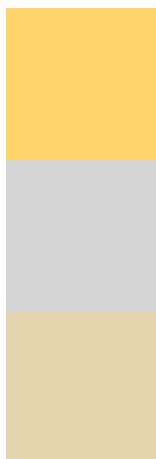
Deuteranomaly

83.7067, 0.8364, 35.6190

Tritanomaly

83.3943, 7.5970, 21.9478

Monochromacy



Original Color

83.6122, -1.8171, 41.6260

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

81.9381, -5.2129, 21.4227

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6122, -1.8171, 41.6260 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, 213, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 107)  
}
```

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, 213, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6122, -1.8171, 41.6260 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, 213, 107) }
```


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

```
.border{ border-color:rgb(255, 213, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6122, -1.8171, 41.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 107) }
```

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

```
.background{ background-color: rgb(255,  
213, 107) }
```

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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