

Converting Colors

HunterLab(80.3048, -8.3093,
33.1281)

Have a look what the booklet for
HunterLab(80.3048, -8.3093,
33.1281) contains.

HunterLab(80.2603, -8.0721, 33.1886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.2603, -8.0721,
33.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D284
RGB	229, 210, 132
RGB Percent	90%, 82%, 52%
CMY	0.1020, 0.1764, 0.4823
CMYK	0.00, 0.08, 0.42, 0.10
HSL	48°, 65%, 71%
HSV	48°, 42%, 90%
XYZ	59.5246, 64.4172, 31.1262
YIQ	206.7890, 36.3620, -20.2300

Conversions

Conversions Part 2

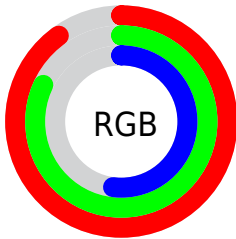
Format	Color
R _Y B	156, 229, 132
Decimal	15061636
CIE Lab	84.18, -4.04, 40.98
CIE LCh	84, 41.178, 95.633
Yxy	64.4201, 0.3839, 0.4154
Android (android.graphics.Color)	4293251716 (0xFFE5D284)
YUV	206.7890, -36.8710, 19.4790
Hunter-Lab	80.2603, -8.0721, 33.1886

Details

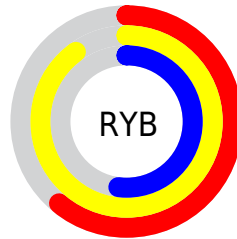
The HunterLab color **80.2603, -8.0721, 33.1886** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57.1794, 8.3387, -41.4853**, and the grayscale version is **79.0442, -4.2176, 4.2946**.

A 20% lighter version of the original color is **98.1454, -15.5929, 32.1405**, and **57.5688, -6.5266, 27.3420** is the 20% darker color. If you saturate the color by 10%, you get **78.5347, -7.8015, 37.3117**, and if you desaturate by 10%, it is **82.0749, -7.9382, 28.0648**.

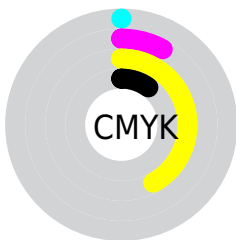
Distribution



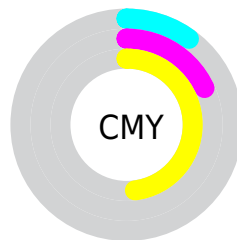
- Red (90%)
- Green (82%)
- Blue (52%)



- Red (61%)
- Yellow (90%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.2603, -8.0721, 33.1886 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 80.2603, -8.0721, 33.1886 by changing the saturation by 10% instead.

80.2603, -8.0721,
33.1886

80.2603, -8.0721,
33.1886

209.9298,
-16.4549, 56.1518

68.5500, -7.2516,
30.3090

105.4589, -9.7881,
38.6703

57.4705, -6.4505,
27.3071

118.8912,
-10.6775, 41.3017

47.0620, -5.6714,
24.1550

132.8498,
-11.5885, 43.8760

37.3710, -4.9137,
20.8150

147.3156,
-12.5207, 46.4019

28.4552, -4.1758,
17.2393

162.2714,
-13.4738, 48.8869

20.3889, -3.4546,
14.1263

177.7016,

13.2733, -2.7432,

-14.4474, 51.3369

9.2913

193.5920,
-15.4412, 53.7571

■ 6.8059, -2.9513,
4.7641

0.0000, NaN, NaN

■ 80.2603, -8.0721,
33.1886

■ 80.2603, -8.0721,
33.1886

■ 78.5347, -7.8015,
37.3117

■ 82.0749, -7.9382,
28.0648

■ 76.8921, -7.1229,
40.4342

■ 83.9727, -7.3922,
21.9486

■ 75.3327, -6.0511,
42.5776

■ 85.9545, -6.4421,
14.8623

■ 73.8536, -4.6075,
43.7870

■ 88.0191, -5.0966,
6.8349

■ 72.4495, -2.8267,
44.1425

■ 90.1647, -3.3671,
-2.0991

■ 71.4174, -1.2949,
43.9844

■ 91.8668, -4.1166,
-4.5232

■ 93.2861, -6.4697,
-2.7607

■ 94.7188, -8.8102,
-1.0095

■ 96.1643, -11.1382,
0.7307

Harmonies

Analogous

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



80.2622, 12.4256, 31.3248



80.2603, -8.0721, 33.1886



80.2622, -25.7441, 29.0284

Triad

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



80.2622, -8.0749, 33.1895



80.2622, -33.5574, -20.3571



80.2622, 34.3693, -12.4729

Complementary

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



80.2603, -8.0721, 33.1886



57.1794, 8.3387, -41.4853

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.



80.2622, 19.6919, -31.9618



80.2603, -8.0721, 33.1886



80.2622, -19.7347, -37.2475

Square

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



80.2622, -8.0749, 33.1895



80.2622, -39.4910, 0.6457



80.2622, -0.4273, -41.9494



80.2622, 38.2748, 7.9218

Rectangle

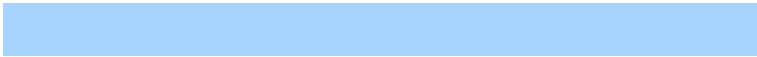
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.2603, -8.0721, 33.1886



80.2622, -33.9771, 22.5983



80.2622, -0.4273, -41.9494



80.2622, 30.4652, -19.4904

Sweetspot

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



80.2622, -8.0749, 33.1895



96.9401, -7.3701, 17.4025



59.5051, 34.4039, 7.9260



44.6159, -3.5347, 8.9087

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.2622, -8.0749, 33.1895



88.9235, -8.8679, 41.7138



83.6482, -26.9327, 35.5986



40.3886, -2.8430, 5.8939



54.1605, -1.2482, 33.3516



15.1347, -1.0267, 9.3080

Inverse Universe

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



57.1794, 8.3387, -41.4853



57.8981, 14.2076, -60.9568



54.5416, 26.0124, -46.5186



37.8705, -1.1800, -1.9606



21.0566, 36.7822, -105.7212



6.7514, 6.8494, -23.2246

Previews

White Background



This preview shows how the HunterLab color 80.2603, -8.0721, 33.1886 looks on a white background.

Color Contrast Check

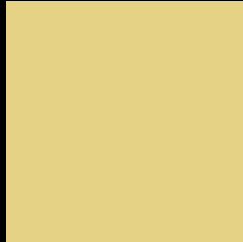
Large Text (above 18pt) WCAG AA × Fail

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 80.2603, -8.0721, 33.1886 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 80.2603, -8.0721, 33.1886 Background



This preview shows how black text looks on a background with the HunterLab color 80.2603, -8.0721, 33.1886.



This preview shows how white text looks on a background with the HunterLab color 80.2603, -8.0721,

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

80.2603, -8.0721, 33.1886

Protanopia

80.2603, -8.0721, 33.1886

Deuteranopia

80.2354, 5.7461, 32.8748



Tritanopia

80.2446, 11.2346, 2.1414

Trichromacy



Original Color

80.2603, -8.0721, 33.1886

Protanomaly

80.2603, -8.0721, 33.1886

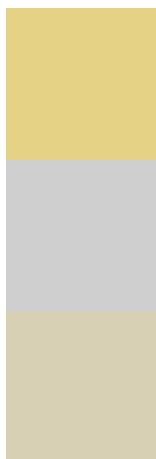
Deuteranomaly

80.0701, 0.6232, 32.9184

Tritanomaly

80.2189, 3.3864, 15.5657

Monochromacy



Original Color

80.2603, -8.0721, 33.1886

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

79.2806, -6.3115, 16.4496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.2603, -8.0721, 33.1886 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(229, 210, 132)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 132)  
}
```

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(229, 210, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 80.2603, -8.0721, 33.1886 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(229, 210, 132) }
```


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

```
.border{ border-color:rgb(229, 210, 132) }
```

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

Here you see how a box with a 4 pixel rgb(229, 210, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 132);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.2603, -8.0721, 33.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 132) }
```

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

```
.background{ background-color: rgb(229,  
210, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor