

Converting Colors

HunterLab(88.0584, -3.5018,
16.0727)

Have a look what the booklet for
HunterLab(88.0584, -3.5018,
16.0727) contains.

HunterLab(87.9803, -3.3193, 16.0796)	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(87.9803, -3.3193,
16.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E2CB
RGB	241, 226, 203
RGB Percent	95%, 89%, 80%
CMY	0.0549, 0.1137, 0.2039
CMYK	0.00, 0.06, 0.16, 0.05
HSL	36°, 58%, 87%
HSV	36°, 16%, 95%
XYZ	74.2515, 77.4053, 67.5272
YIQ	227.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

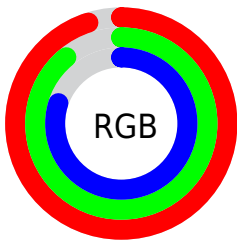
Format	Color
R _Y B	228, 241, 203
Decimal	15852235
CIE Lab	90.51, 1.41, 13.08
CIE LCh	91, 13.154, 83.856
Yxy	77.4088, 0.3388, 0.3532
Android (android.graphics.Color)	4294042315 (0xFFFF1E2CB)
YUV	227.8630, -12.2575, 11.5211
Hunter-Lab	87.9803, -3.3193, 16.0796

Details

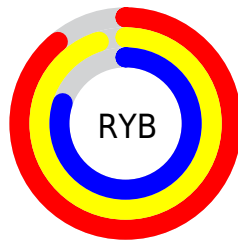
The HunterLab color $87.9803, -3.3193, 16.0796$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.1798, -4.8395, -8.1483$, and the grayscale version is $88.0694, -4.6992, 4.7850$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.5058, -2.2105, 13.5748$ is the 20% darker color. If you saturate the color by 10%, you get $84.4499, -1.7620, 22.1015$, and if you desaturate by 10%, it is $91.6326, -4.4949, 9.3148$.

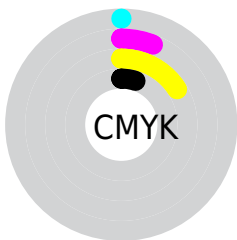
Distribution



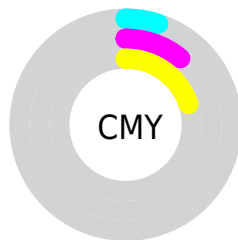
- Red (95%)
- Green (89%)
- Blue (80%)



- Red (89%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.9803, -3.3193, 16.0796 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 87.9803, -3.3193, 16.0796 by changing the saturation by 10% instead.

87.9803, -3.3193,
16.0796

87.9803, -3.3193,
16.0796

220.4896, -9.9083,
27.8575

75.8870, -2.7417,
14.7984

113.8931, -4.5827,
18.6483

64.4033, -2.1976,
13.5116

127.6606, -5.2602,
19.9383

53.5655, -1.6922,
12.2151

141.9421, -5.9672,
21.2351

43.4148, -1.2284,
10.9008

156.7198, -6.7025,
22.5400

34.0012, -0.8100,
9.5568

171.9774, -7.4652,
23.8539

25.3878, -0.4422,
8.1644

187.7003, -8.2543,

17.6571, -0.1319,

25.1777

6.6922

203.8751, -9.0689,
26.5121

■ 10.9248, 0.1100,
5.7346

■ 2.3748, 2.4563,
1.6624

■ 87.9803, -3.3193,
16.0796

■ 87.9803, -3.3193,
16.0796

■ 84.4499, -1.7620,
22.1015

■ 91.6326, -4.4949,
9.3148

■ 81.0429, 0.2057,
27.3189

■ 95.3937, -5.3037,
1.8595

■ 77.7691, 2.5993,
31.6767

■ 98.5625, -9.6030,
3.6546

■ 74.6362, 5.4320,
35.1229

■ 98.7122, -9.8450,
3.8289

■ 71.6519, 8.7090,
37.6155

■ 68.8229, 12.4246,
39.1310

■ 66.1545, 16.5564,
39.6771

■ 63.6489, 21.0576,
39.3159

■ 62.6319, 23.0304,
38.9967

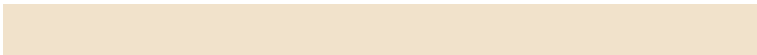
Harmonies

Analogous

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



87.9823, 2.9972, 14.0865



87.9803, -3.3193, 16.0796



87.9823, -9.8287, 15.2366

Triad

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



87.9823, -3.3218, 16.0809



87.9823, -16.1290, -0.2918



87.9823, 5.9038, -2.7183

Complementary

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



87.9803, -3.3193, 16.0796



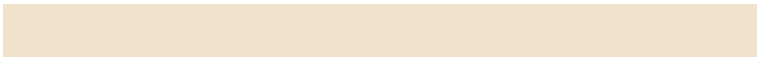
83.1798, -4.8395, -8.1483

Split Complementary

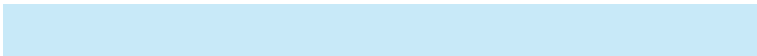
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9823, 0.5505, -7.1210



87.9803, -3.3193, 16.0796



87.9823, -12.1398, -5.6486

Square

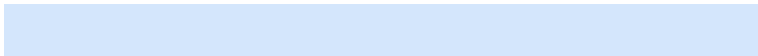
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9823, -3.3218, 16.0809



87.9823, -17.0964, 6.0854



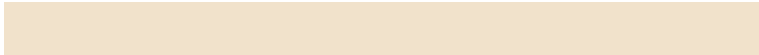
87.9823, -6.0682, -8.2312



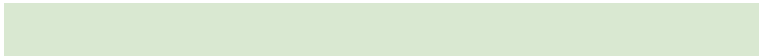
87.9823, 8.4248, 3.4728

Rectangle

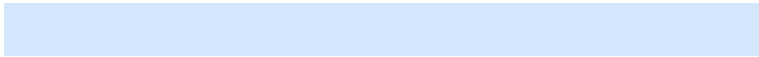
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.9803, -3.3193, 16.0796



87.9823, -13.4138, 13.1436



87.9823, -6.0682, -8.2312



87.9823, 4.3683, -4.4745

Sweetspot

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



87.9823, -3.3218, 16.0809



97.9988, -4.8706, 9.3586



81.5390, 11.2326, 2.1094



45.2097, -2.2196, 4.5782

0.0000, NaN, NaN



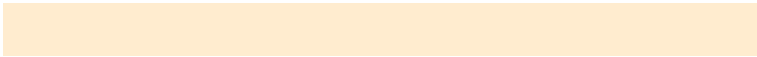
46.2646, -2.4686, 2.5136

Same Dimension

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



87.9823, -3.3218, 16.0809



92.5556, -3.0413, 19.3487



92.3375, -12.3003, 20.4033



41.6547, -1.8938, 5.4941



46.4138, 16.3531, 28.8863



14.0909, 3.3041, 8.7406

Inverse Universe

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



83.1798, -4.8395, -8.1483



86.3907, -4.9736, -11.7829



78.9306, 4.1420, -13.8027



40.3139, -2.3220, -1.2628



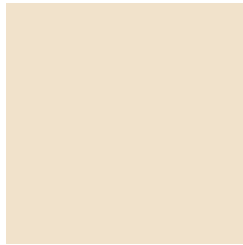
28.5258, 18.6400, -75.8932



9.3038, 3.0156, -18.1387

Previews

White Background



This preview shows how the HunterLab color 87.9803, -3.3193, 16.0796 looks on a white background.

Color Contrast Check

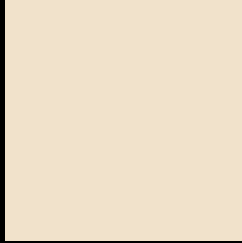
Large Text (above 18pt) WCAG AA × Fail

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 87.9803, -3.3193, 16.0796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

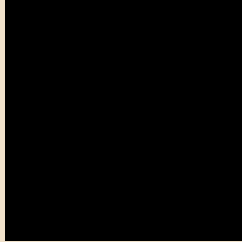
Any Text WCAG AA ✓ Pass

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 87.9803, -3.3193, 16.0796 Background



This preview shows how black text looks on a background with the HunterLab color 87.9803, -3.3193, 16.0796.

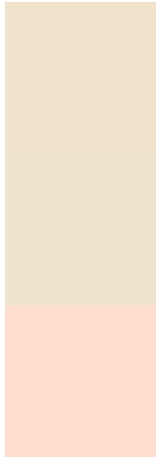


This preview shows how white text looks on a background with the HunterLab color 87.9803, -3.3193,

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

87.9803, -3.3193, 16.0796

Protanopia

88.0199, -4.7206, 15.6743

Deuteranopia

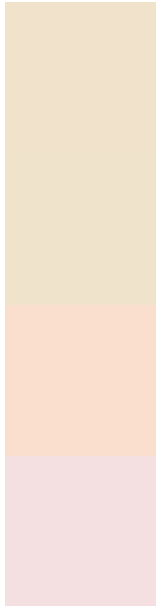
88.0215, 4.8674, 14.5609



Tritanopia

88.0220, 6.7641, -0.1281

Trichromacy



Original Color

87.9803, -3.3193, 16.0796

Protanomaly

88.1184, -4.3780, 15.7841

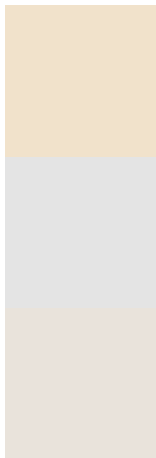
Deuteranomaly

88.0656, 1.8601, 14.9856

Tritanomaly

88.0027, 2.7592, 6.2826

Monochromacy



Original Color

87.9803, -3.3193, 16.0796

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

87.9638, -4.0576, 8.9600

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9803, -3.3193, 16.0796 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(241, 226, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 203)  
}
```

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(241, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9803, -3.3193, 16.0796 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(241, 226, 203) }
```


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

```
.border{ border-color:rgb(241, 226, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9803, -3.3193, 16.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 203) }
```

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

```
.background{ background-color: rgb(241,  
226, 203) }
```

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