

Converting Colors

HunterLab(94.4544, 23.2120,
40.0053)

Have a look what the booklet for
HunterLab(94.4544, 23.2120,
40.0053) contains.

HunterLab(86.7409, -2.0592, 33.1085)	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(86.7409, -2.0592,
33.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD98
RGB	255, 221, 152
RGB Percent	100%, 87%, 60%
CMY	0.0000, 0.1333, 0.4039
CMYK	0.00, 0.13, 0.40, 0.00
HSL	40°, 100%, 80%
HSV	40°, 40%, 100%
XYZ	72.7639, 75.2398, 40.3934
YIQ	223.3000, 42.4130, -14.2510

Conversions

Conversions Part 2

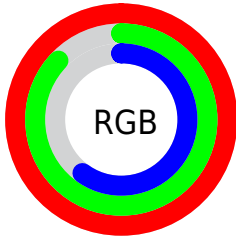
Format	Color
R _Y B	203, 255, 152
Decimal	16768408
CIE Lab	89.51, 2.63, 38.20
CIE LCh	90, 38.289, 86.057
Yxy	75.2433, 0.3862, 0.3994
Android (android.graphics.Color)	4294958488 (0xFFFFDD98)
YUV	223.3000, -35.1509, 27.8009
Hunter-Lab	86.7409, -2.0592, 33.1085

Details

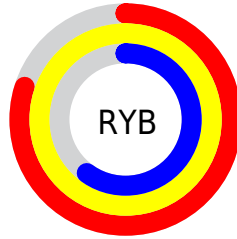
The HunterLab color **86.7409, -2.0592, 33.1085** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.0083, 1.2920, -36.9618**, and the grayscale version is **86.1688, -4.5978, 4.6817**.

A 20% lighter version of the original color is **98.6332, -12.8762, 25.0671**, and **63.2952, -0.8880, 27.6930** is the 20% darker color. If you saturate the color by 10%, you get **83.7628, -0.1207, 37.5199**, and if you desaturate by 10%, it is **89.8482, -3.5401, 27.6804**.

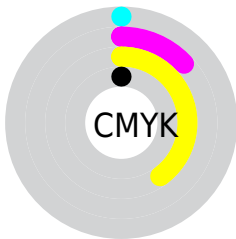
Distribution



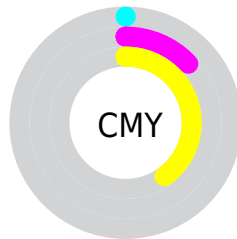
- Red (100%)
- Green (87%)
- Blue (60%)



- Red (80%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.7409, -2.0592, 33.1085 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 86.7409, -2.0592, 33.1085 by changing the saturation by 10% instead.


 86.7409, -2.0592,
33.1085

 86.7409, -2.0592,
33.1085


218.8044, -8.1966,
54.6951

 74.7076, -1.5429,
30.4464


 112.5419, -3.2098,
38.2094

 63.2870, -1.0629,
27.6849


 126.2568, -3.8340,
40.6713

 52.5161, -0.6253,
24.8017


140.4877, -4.4895,
43.0874

 42.4369, -0.2339,
21.7655

155.2163, -5.1752,
45.4649

 33.1004, 0.1064,
18.5349

170.4265, -5.8897,
47.8097

 24.5713, 0.3888,
15.0616

186.1033, -6.6321,

 16.9349, 0.6038,

50.1270

11.8544

202.2334, -7.4013,
52.4210

■ 10.3109, 0.7363,
7.2177

0.0000, INF, NaN

■ 86.7409, -2.0592,
33.1085

■ 86.7409, -2.0592,
33.1085

■ 83.7628, -0.1207,
37.5199

■ 89.8482, -3.5401,
27.6804

■ 80.9125, 2.2916,
40.8758

■ 93.0736, -4.5667,
21.2789

■ 78.1958, 5.1722,
43.1586

■ 96.4136, -5.1590,
13.9572

■ 75.6151, 8.5065,
44.3762

■ 99.8628, -5.3369,
5.7703

■ 73.1701, 12.2622, 100.0000, -5.3358,
44.5791 5.4332

■ 70.9403, 16.1895,
43.9965

Harmonies

Analogous

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



86.7429, 17.1135, 29.2326



86.7409, -2.0592, 33.1085



86.7429, -20.3652, 30.8600

Triad

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



86.7429, -2.0624, 33.1095



86.7429, -35.5647, -12.2918



86.7429, 28.4090, -17.4339

Complementary

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



86.7409, -2.0592, 33.1085



70.0083, 1.2920, -36.9618

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.



86.7429, 12.3070, -33.4303



86.7409, -2.0592, 33.1085



86.7429, -24.4281, -30.0343

Square

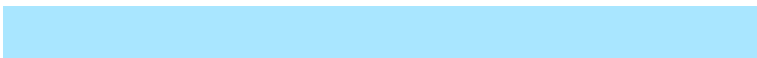
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.7429, -2.0624, 33.1095



86.7429, -38.6895, 7.1179



86.7429, -7.1741, -38.4818



86.7429, 35.6533, 2.2550

Rectangle

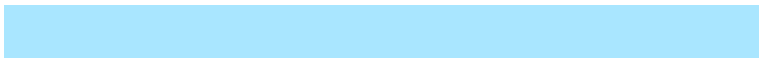
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.7409, -2.0592, 33.1085



86.7429, -29.8085, 25.8502



86.7429, -7.1741, -38.4818



86.7429, 23.7876, -23.5752

Sweetspot

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



86.7429, -2.0624, 33.1095



95.8688, -5.0922, 15.1950



68.7580, 38.9863, 2.8322



44.1496, -2.3271, 7.4872

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.7429, -2.0624, 33.1095



84.4638, -0.6277, 36.5601



95.8829, -25.1341, 40.2732



44.7449, -2.4017, 6.1372



51.5568, 11.1658, 31.9645



16.6984, 2.3283, 10.3302

Inverse Universe

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



70.0083, 1.2920, -36.9618



64.8537, 3.7638, -46.4631



61.7502, 23.9745, -52.3684



42.8450, -2.1012, -1.6583



27.0942, 26.4756, -91.0185



9.5138, 5.6255, -24.0353

Previews

White Background



This preview shows how the HunterLab color 86.7409, -2.0592, 33.1085 looks on a white background.

Color Contrast Check

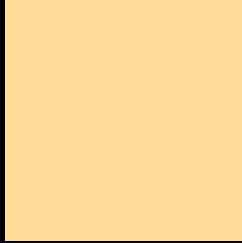
Large Text (above 18pt) WCAG AA × Fail

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 86.7409, -2.0592, 33.1085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

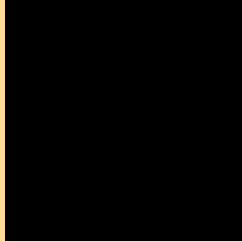
Any Text WCAG AA ✓ Pass

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 86.7409, -2.0592, 33.1085 Background



This preview shows how black text looks on a background with the HunterLab color 86.7409, -2.0592, 33.1085.



This preview shows how white text looks on a background with the HunterLab color 86.7409, -2.0592,

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

86.7409, -2.0592, 33.1085

Protanopia

86.8427, -7.9580, 32.5005

Deuteranopia

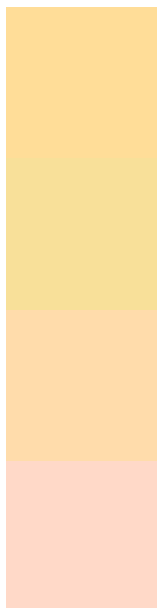
86.7758, 2.4500, 23.2756



Tritanopia

86.8372, 11.2588, 4.0866

Trichromacy



Original Color

86.7409, -2.0592, 33.1085

Protanomaly

86.9297, -6.0968, 32.9041

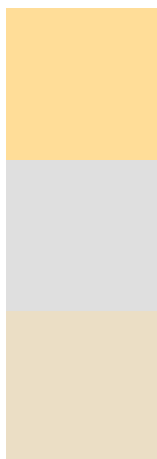
Deuteranomaly

86.8255, 0.5661, 27.2019

Tritanomaly

86.6348, 5.9628, 16.0921

Monochromacy



Original Color

86.7409, -2.0592, 33.1085

Achromatopsia

85.9017, -4.5835, 4.6672

Achromatomaly

85.9860, -4.2057, 16.4872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.7409, -2.0592, 33.1085 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, 221, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 152)  
}
```

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, 221, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 86.7409, -2.0592, 33.1085 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, 221, 152) }
```


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

```
.border{ border-color:rgb(255, 221, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.7409, -2.0592, 33.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 152) }
```

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

```
.background{ background-color: rgb(255,  
221, 152) }
```

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