

Converting Colors

HunterLab(89.8876, -8.6263,
36.2051)

Have a look what the booklet for
HunterLab(89.8876, -8.6263,
36.2051) contains.

HunterLab(89.8876, -8.6263, 36.2051)	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(89.8876, -8.6263,
36.2051)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE896
RGB	253, 232, 150
RGB Percent	99%, 91%, 59%
CMY	0.0078, 0.0902, 0.4118
CMYK	0.00, 0.08, 0.41, 0.01
HSL	48°, 96%, 79%
HSV	48°, 41%, 99%
XYZ	74.8696, 80.7978, 40.5036
YIQ	228.9310, 38.8380, -21.0500

Conversions

Conversions Part 2

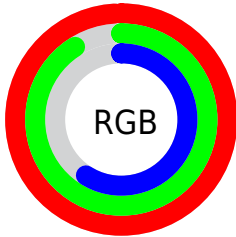
Format	Color
RYB	176, 253, 150
Decimal	16640150
CIELab	92.04, -3.93, 42.44
CIELCh	92, 42.623, 95.290
Yxy	80.8015, 0.3817, 0.4119
Android (android.graphics.Color)	4294830230 (0xFFFDE896)
YUV	228.9310, -38.9130, 21.1085
Hunter-Lab	89.8876, -8.6263, 36.2051

Details

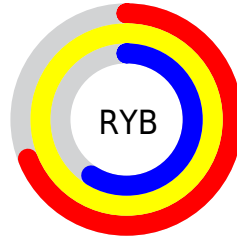
The HunterLab color **89.8876, -8.6263, 36.2051** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65.3454, 8.2134, -43.9075**, and the grayscale version is **88.6418, -4.7297, 4.8161**.

A 20% lighter version of the original color is **98.5839, -13.1501, 25.7803**, and **66.2784, -7.0951, 30.3793** is the 20% darker color. If you saturate the color by 10%, you get **87.8702, -8.2863, 40.9759**, and if you desaturate by 10%, it is **92.0068, -8.5086, 30.3092**.

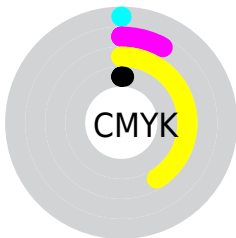
Distribution



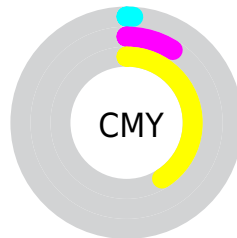
- Red (99%)
- Green (91%)
- Blue (59%)



- Red (69%)
- Yellow (99%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (1%)




- Cyan (1%)
- Magenta (9%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 89.8876, -8.6263, 36.2051 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 89.8876, -8.6263, 36.2051 by changing the saturation by 10% instead.

 89.8876, -8.6263,
36.2051

 89.8876, -8.6263,
36.2051

223.0762,
-17.1178, 59.4443

 77.7034, -7.7939,
33.3206


 115.9707,
-10.3672, 41.7224

 66.1238, -6.9810,
30.3264


 129.8183,
-11.2690, 44.3801

 55.1844, -6.1906,
27.1992


144.1771,
-12.1922, 46.9846

 44.9253, -5.4225,
23.9078

159.0293,
-13.1365, 49.5438

 35.3949, -4.6761,
20.4120

174.3592,
-14.1015, 52.0643

 26.6540, -3.9496,
16.6663

190.1523,

 18.7815, -3.2396,

-15.0870, 54.5515

13.1471

206.3953,
-16.0925, 57.0102

■ 11.8866, -2.5386,
8.3206

■ 4.7561, -3.8545,
3.3293

■ 89.8876, -8.6263,
36.2051

■ 89.8876, -8.6263,
36.2051

■ 87.8702, -8.2863,
40.9759

■ 92.0068, -8.5086,
30.3092

■ 85.9481, -7.4832,
44.6170

■ 94.2209, -7.9263,
23.3017

■ 84.1221, -6.2318,
47.1477

■ 96.5307, -6.8897,
15.2110

■ 82.3893, -4.5545,
48.6128

■ 98.9342, -5.4098,
6.0728

■ 80.7443, -2.4880,
49.0959

99.8111, -5.9934,
5.1991

■ 79.2829, -0.2921,
48.8486

Harmonies

Analogous

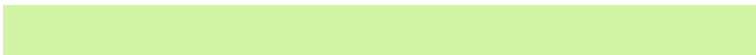
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8897, 13.3812, 34.0785



89.8876, -8.6263, 36.2051



89.8897, -27.7357, 31.7120

Triad

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



89.8897, -8.6294, 36.2061



89.8897, -36.4901, -21.2955



89.8897, 36.4889, -13.4016

Complementary

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



89.8876, -8.6263, 36.2051



65.3454, 8.2134, -43.9075

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.



89.8897, 20.6917, -34.0707



89.8876, -8.6263, 36.2051



89.8897, -21.6440, -39.3358

Square

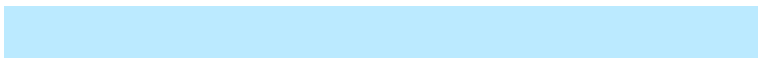
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.8897, -8.6294, 36.2061



89.8897, -42.8120, 1.1422



89.8897, -0.9076, -44.4936



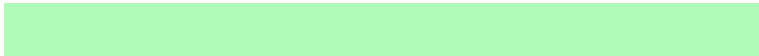
89.8897, 40.8095, 8.4887

Rectangle

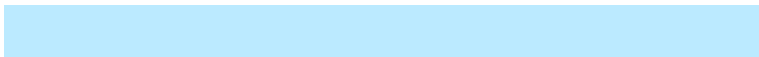
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.8876, -8.6263, 36.2051



89.8897, -36.6984, 24.7479



89.8897, -0.9076, -44.4936



89.8897, 32.2758, -20.8724

Sweetspot

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



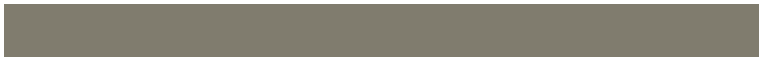
89.8897, -8.6294, 36.2061



97.0920, -7.1125, 16.4650



67.5920, 37.2376, 7.9251



44.7765, -3.3622, 8.1309

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

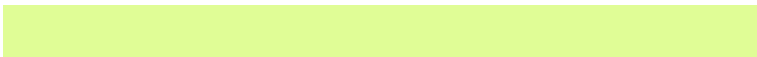
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8897, -8.6294, 36.2061



88.9981, -8.4522, 40.6111



93.9524, -28.9270, 39.1772



45.1938, -3.1440, 6.6133



58.0109, -0.5294, 35.7368



18.5149, -0.8627, 11.3937

Inverse Universe

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



65.3454, 8.2134, -43.9075



59.6533, 12.5193, -57.0542



62.0572, 27.3646, -50.0660



42.3996, -1.3554, -2.2140



22.8526, 39.3390, -113.4853



8.0933, 9.2629, -30.1119

Previews

White Background



This preview shows how the HunterLab color 89.8876, -8.6263, 36.2051 looks on a white background.

Color Contrast Check

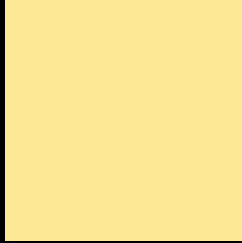
Large Text (above 18pt) WCAG AA × Fail

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 89.8876, -8.6263, 36.2051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

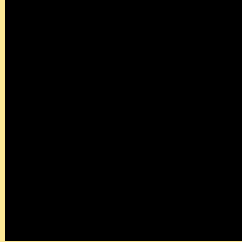
Any Text WCAG AA ✓ Pass

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 89.8876, -8.6263, 36.2051 Background



This preview shows how black text looks on a background with the HunterLab color 89.8876, -8.6263, 36.2051.



This preview shows how white text looks on a background with the HunterLab color 89.8876, -8.6263,

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

89.8876, -8.6263, 36.2051

Protanopia

89.8876, -8.6263, 36.2051

Deuteranopia

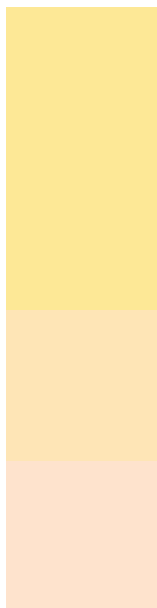
89.9538, 0.1556, 19.4154



Tritanopia

89.8252, 8.1039, 2.6073

Trichromacy



Original Color

89.8876, -8.6263, 36.2051

Protanomaly

89.8876, -8.6263, 36.2051

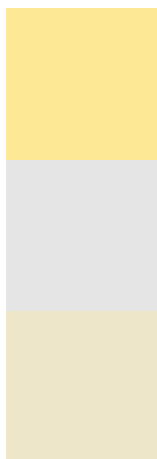
Deuteranomaly

89.7145, -3.1294, 25.9792

Tritanomaly

89.6754, 1.0383, 17.0886

Monochromacy



Original Color

89.8876, -8.6263, 36.2051

Achromatopsia

88.5177, -4.7231, 4.8093

Achromatomaly

88.8487, -6.8528, 18.1637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.8876, -8.6263, 36.2051 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(253, 232, 150)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 150)  
}
```

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(253, 232, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 89.8876, -8.6263, 36.2051 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(253, 232, 150) }
```


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

```
.border{ border-color:rgb(253, 232, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 150);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.8876, -8.6263, 36.2051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 150) }
```

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

```
.background{ background-color: rgb(253,  
232, 150) }
```

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