

Converting Colors

HunterLab(80.0411, 88.0984,
4.6717)

Have a look what the booklet for
HunterLab(80.0411, 88.0984,
4.6717) contains.

HunterLab(65.6229, 52.8499, -14.9146)	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(65.6229, 52.8499,
-14.9146)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86D4
RGB	255, 134, 212
RGB Percent	100%, 53%, 83%
CMY	0.0000, 0.4745, 0.1686
CMYK	0.00, 0.47, 0.17, 0.00
HSL	321°, 100%, 76%
HSV	321°, 47%, 100%
XYZ	61.6488, 43.0637, 67.3502
YIQ	179.0710, 47.0780, 49.9100

Conversions

Conversions Part 2

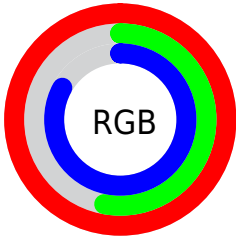
Format	Color
RYB	255, 134, 212
Decimal	16746196
CIELab	71.60, 55.23, -19.38
CIELCh	72, 58.530, 340.669
Yxy	43.0656, 0.3583, 0.2503
Android (android.graphics.Color)	4294936276 (0xFFFF86D4)
YUV	179.0710, 16.2340, 66.5897
Hunter-Lab	65.6229, 52.8499, -14.9146

Details

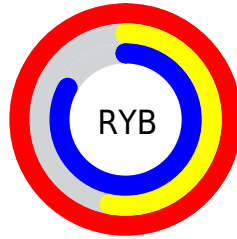
The HunterLab color **65.6229, 52.8499, -14.9146** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89.3104, -49.3076, 26.5539**, and the grayscale version is **67.0922, -3.5799, 3.6452**.

A 20% lighter version of the original color is **80.8127, 30.2101, -19.0858**, and **44.4545, 49.2770, -14.2881** is the 20% darker color. If you saturate the color by 10%, you get **60.3334, 64.3217, -17.1818**, and if you desaturate by 10%, it is **71.7320, 40.6590, -11.6652**.

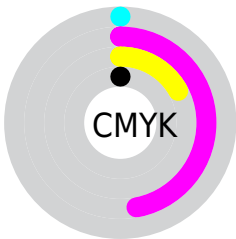
Distribution



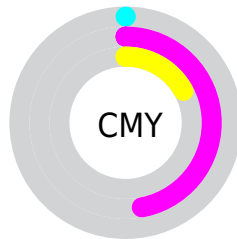
- Red (100%)
- Green (53%)
- Blue (83%)



- Red (100%)
- Yellow (53%)
- Blue (83%)



- Cyan (0%)
- Magenta (47%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.6229, 52.8499, -14.9146 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 65.6229, 52.8499, -14.9146 by changing the saturation by 10% instead.

 65.6229, 52.8499,
-14.9146


 65.6229, 52.8499,
-14.9146

189.4416, 64.5870,
-14.4030


 54.7143, 51.0721,
-14.6966


 89.3363, 56.0800,
-15.1598

 44.4864, 49.1916,
-14.4138

 102.0754, 57.5477,
-15.1972

 34.9897, 47.2149,
-14.0632

 115.3682, 58.9230,
-15.1816

 26.2855, 45.1750,
-13.6483

129.1927, 60.2112,
-15.1160

 18.4538, 43.1699,
-13.1877

143.5291, 61.4172,
-15.0031

 11.6055, 41.5057,
-12.7518

158.3598, 62.5458,

 4.2079, 65.2971,

-14.8452

-20.6237

173.6688, 63.6011,
-14.6445

0.0000, INF, -NF

0.0000, NaN, NaN

■ 65.6229, 52.8499,
-14.9146

■ 65.6229, 52.8499,
-14.9146

■ 60.3334, 64.3217,
-17.1818

■ 71.7320, 40.6590,
-11.6652

■ 55.9795, 74.4073,
-18.1832

■ 78.5372, 28.2269,
-7.6975

■ 52.6607, 82.2927,
-17.6711

■ 85.9342, 15.8295,
-3.2130

■ 50.4164, 87.2696,
-15.5580

■ 93.8337, 3.6112,
1.6407

■ 49.1729, 89.1223,

100.0000, -5.3358,

-12.0393

5.4332

■ 48.9428, 89.3202,
-11.0417

Harmonies

Analogous

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



65.6244, 33.7598, -45.8424



65.6229, 52.8499, -14.9146



65.6244, 55.5201, 12.0518

Triad

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



65.6244, 52.8465, -14.9130



65.6244, -12.8179, 35.8808



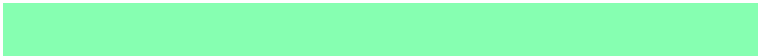
65.6244, -38.3401, -37.3137

Complementary

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



65.6229, 52.8499, -14.9146



89.3104, -49.3076, 26.5539

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.



65.6244, -47.0287, -6.2160



65.6229, 52.8499, -14.9146



65.6244, -33.9528, 31.0250

Square

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



65.6244, 52.8465, -14.9130



65.6244, 14.5287, 35.1244



65.6244, -45.5639, 17.8741



65.6244, -19.7799, -61.9709

Rectangle

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



65.6229, 52.8499, -14.9146



65.6244, 47.2305, 24.0560



65.6244, -45.5639, 17.8741



65.6244, -42.3652, -26.8437

Sweetspot

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



65.6244, 52.8465, -14.9130



88.6055, 11.5916, -1.5749



57.9168, 35.9823, -60.5330



40.2165, 6.5883, -1.2050

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.6244, 52.8465, -14.9130



60.5514, 63.8312, -17.1051



63.7057, 43.8726, 12.3142



42.6431, 2.8245, 0.2860



35.4203, 64.7156, -8.5638



11.1462, 20.5304, -3.9772

Inverse Universe

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



65.6244, 52.8465, -14.9130



60.5514, 63.8312, -17.1051



90.9366, -39.6826, 3.1762



42.6431, 2.8245, 0.2860



35.4203, 64.7156, -8.5638



11.1462, 20.5304, -3.9772

Previews

White Background



This preview shows how the HunterLab color 65.6229, 52.8499, -14.9146 looks on a white background.

Color Contrast Check

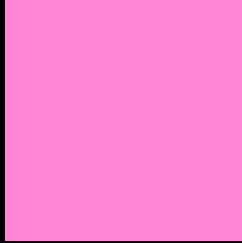
Large Text (above 18pt) WCAG AA × Fail

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 65.6229, 52.8499, -14.9146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

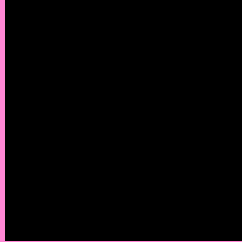
Any Text WCAG AA ✓ Pass

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 65.6229, 52.8499, -14.9146 Background



This preview shows how black text looks on a background with the HunterLab color 65.6229, 52.8499, -14.9146.



This preview shows how white text looks on a background with the HunterLab color 65.6229, 52.8499, -14.9146.

-14.9146.

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

65.6229, 52.8499, -14.9146

Protanopia

66.0540, 4.8608, -33.2091

Deuteranopia

65.8986, 4.5464, -11.8507



Tritanopia

65.6489, 35.6022, 12.6699

Trichromacy



Original Color

65.6229, 52.8499, -14.9146



Protanomaly

64.5879, 20.7866, -28.5596



Deuteranomaly

64.9073, 21.3464, -14.1408



Tritanomaly

65.5666, 41.2345, 3.9814

Monochromacy



Original Color

65.6229, 52.8499, -14.9146



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

65.7430, 15.9090, -3.6631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.6229, 52.8499, -14.9146 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, 134, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 212)  
}
```

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, 134, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 65.6229, 52.8499, -14.9146 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, 134, 212) }
```


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

```
.border{ border-color:rgb(255, 134, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.6229, 52.8499, -14.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 212) }
```

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

```
.background{ background-color: rgb(255,  
134, 212) }
```

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