

# Converting Colors

HunterLab(64.5786, 51.8274,  
-16.7383)

Have a look what the booklet for  
HunterLab(64.5786, 51.8274,  
-16.7383) contains.

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# Color

**HunterLab(64.4825, 52.0270,  
-16.6269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA84D4
RGB	250, 132, 212
RGB Percent	98%, 52%, 83%
CMY	0.0196, 0.4823, 0.1686
CMYK	0.00, 0.47, 0.15, 0.02
HSL	319°, 92%, 75%
HSV	319°, 47%, 98%
XYZ	59.5592, 41.5799, 67.1739
YIQ	176.4020, 44.6480, 49.8960

# Conversions

## Conversions Part 2

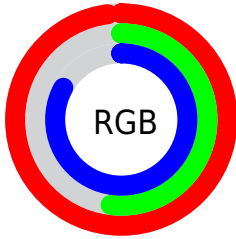
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 132, 212
Decimal	16418004
CIE Lab	70.58, 54.67, -20.98
CIE LCh	71, 58.559, 339.005
Yxy	41.5819, 0.3539, 0.2470
Android (android.graphics.Color)	4294608084 (0xFFFA84D4)
YUV	176.4020, 17.5498, 64.5454
Hunter-Lab	64.4825, 52.0270, -16.6269

# Details

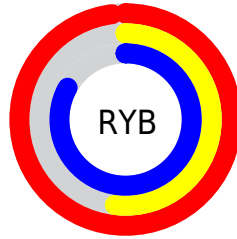
The HunterLab color  $64.4825, 52.0270, -16.6269$  is a light color, and the websafe version is hex  $FF66CC$ . A complement of this color would be  $87.2813, -48.5257, 27.0968$ , and the grayscale version is  $65.9753, -3.5203, 3.5846$ .

A 20% lighter version of the original color is  $80.2785, 31.3302, -19.8571$ , and  $43.3802, 48.4560, -16.0180$  is the 20% darker color. If you saturate the color by 10%, you get  $59.3279, 63.3876, -19.3911$ , and if you desaturate by 10%, it is  $70.4346, 39.9660, -12.9258$ .

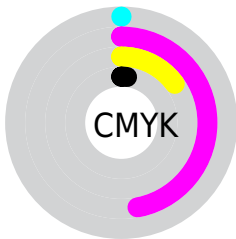
# Distribution



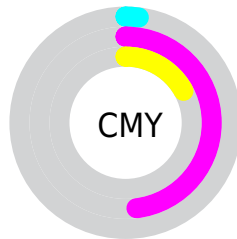
- Red (98%)
- Green (52%)
- Blue (83%)



- Red (98%)
- Yellow (52%)
- Blue (83%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (2%)




- Cyan (2%)
- Magenta (48%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4825, 52.0270, -16.6269 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 64.4825, 52.0270, -16.6269 by changing the saturation by 10% instead.




 64.4825, 52.0270,  
-16.6269


 64.4825, 52.0270,  
-16.6269


187.8155, 63.6829,  
-16.6108


 53.6414, 50.2566,  
-16.3501

 88.0718, 55.2418,  
-16.9888

 43.4856, 48.3828,  
-16.0100


 100.7531, 56.7009,  
-17.0835

 34.0665, 46.4128,  
-15.6056

 113.9907, 58.0672,  
-17.1242

 25.4470, 44.3819,  
-15.1458

127.7620, 59.3461,  
-17.1138

 17.7096, 42.3954,  
-14.6615

142.0472, 60.5427,  
-17.0550

 10.9695, 40.7888,  
-14.2603

156.8283, 61.6615,

 2.5377, 102.9167,

-16.9501

-36.9562

172.0893, 62.7070,  
-16.8014

0.0000, INF, -NF

0.0000, NaN, NaN

■ 64.4825, 52.0270,  
-16.6269

■ 64.4825, 52.0270,  
-16.6269

■ 59.3279, 63.3876,  
-19.3911

■ 70.4346, 39.9660,  
-12.9258

■ 55.0823, 73.3964,  
-20.9222

■ 77.0648, 27.6708,  
-8.5559

■ 51.8413, 81.2608,  
-20.9469

■ 84.2722, 15.4121,  
-3.7166

■ 49.6432, 86.2867,  
-19.3401


■ 91.9703, 3.3320,  
1.4488


■ 48.4200, 88.2445,

■ 99.4428, -7.4558,

-16.2531

6.1089

 48.1737, 88.4832,  
-15.2604

 99.5310, -6.9711,  
4.8512

# Harmonies

## Analogous

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



64.4840, 32.2755, -47.3442



64.4825, 52.0270, -16.6269



64.4840, 55.7109, 10.7168

# Triad

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



64.4840, 52.0240, -16.6251



64.4840, -11.3085, 35.5706



64.4840, -38.7827, -35.5630

# Complementary

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



64.4825, 52.0270, -16.6269



87.2813, -48.5257, 27.0968

# 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.



64.4840, -46.8334, -4.6383



64.4825, 52.0270, -16.6269



64.4840, -32.7617, 31.1541

# Square

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



64.4840, 52.0240, -16.6251



64.4840, 16.0643, 34.5420



64.4840, -44.8252, 18.7112



64.4840, -20.8780, -61.0235



# Rectangle

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



64.4825, 52.0270, -16.6269



64.4840, 48.0600, 23.0328



64.4840, -44.8252, 18.7112



64.4840, -42.5864, -25.0494

# Sweetspot

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



64.4840, 52.0240, -16.6251



88.6460, 11.8063, -2.1503



56.4647, 33.8006, -59.5836



40.2384, 6.7032, -1.5147

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.4840, 52.0240, -16.6251



60.7453, 64.6776, -19.8013



62.5695, 43.0708, 10.4889



41.7419, 2.8184, 0.1106



35.1243, 64.5831, -11.6573



10.7796, 19.9775, -4.7947



# Inverse Universe

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



64.4840, 52.0240, -16.6251



60.7453, 64.6776, -19.8013



88.8255, -39.3778, 4.8724



41.7419, 2.8184, 0.1106



35.1243, 64.5831, -11.6573



10.7796, 19.9775, -4.7947



# Previews

## White Background



This preview shows how the HunterLab color 64.4825, 52.0270, -16.6269 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

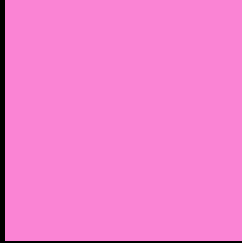
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.4825, 52.0270, -16.6269 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

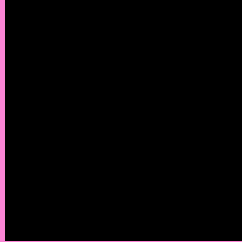
Any Text WCAG AA ✓ Pass

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 64.4825, 52.0270, -16.6269 Background



This preview shows how black text looks on a background with the HunterLab color 64.4825, 52.0270, -16.6269.



This preview shows how white text looks on a background with the HunterLab color 64.4825, 52.0270, -16.6269.

-16.6269.

# 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

64.4825, 52.0270, -16.6269

### Protanopia

64.8787, 5.4278, -35.2638

### Deuteranopia

64.6768, 4.8946, -13.5899



## Tritanopia

64.4563, 34.5232, 11.7973

# Trichromacy



## Original Color

64.4825, 52.0270, -16.6269



## Protanomaly

63.6541, 20.6248, -30.1459



## Deuteranomaly

63.9434, 21.0619, -15.5615



## Tritanomaly

64.4078, 40.3251, 2.5831

# Monochromacy



## Original Color

64.4825, 52.0270, -16.6269



## Achromatopsia

65.8903, -3.5157, 3.5799



## Achromatomaly

64.4300, 15.7540, -4.3261

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.4825, 52.0270, -16.6269 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(250, 132, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 132, 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(250, 132, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 132, 212) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.4825, 52.0270, -16.6269 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(250, 132, 212) }
```



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

```
.border{ border-color:rgb(250, 132, 212) }
```

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

Here you see how a box with a 4 pixel rgb(250, 132, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 132, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 132, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 132,  
212) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.4825, 52.0270, -16.6269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 132, 212) }
```

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

```
.background{ background-color: rgb(250,  
132, 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](#).

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