

# Converting Colors

HunterLab(57.1865, 86.5285,  
-50.3415)

Have a look what the booklet for  
HunterLab(57.1865, 86.5285,  
-50.3415) contains.

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# Color

**HunterLab(57.1865, 86.5285,  
-50.3415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4BF2
RGB	255, 75, 242
RGB Percent	100%, 29%, 95%
CMY	0.0000, 0.7058, 0.0510
CMYK	0.00, 0.71, 0.05, 0.00
HSL	304°, 100%, 65%
HSV	304°, 71%, 100%
XYZ	59.7831, 32.7030, 87.1658
YIQ	147.8580, 53.6730, 90.0970

# Conversions

## Conversions Part 2

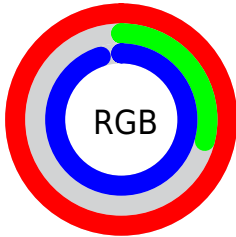
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 75, 242
Decimal	16731122
CIE Lab	63.92, 83.92, -47.91
CIE LCh	64, 96.631, 330.276
Yxy	32.7042, 0.3328, 0.1820
Android (android.graphics.Color)	4294921202 (0xFFFF4BF2)
YUV	147.8580, 46.4120, 93.9635
Hunter-Lab	57.1865, 86.5285, -50.3415

# Details

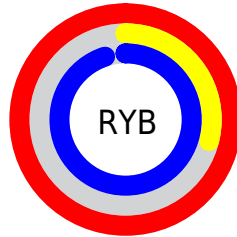
The HunterLab color **57.1865, 86.5285, -50.3415** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **85.8609, -66.2170, 45.3712**, and the grayscale version is **54.1670, -2.8902, 2.9430**.

A 20% lighter version of the original color is **68.3059, 59.1543, -38.9948**, and **38.6938, 75.3166, -45.1688** is the 20% darker color. If you saturate the color by 10%, you get **54.5895, 94.4847, -54.3790**, and if you desaturate by 10%, it is **60.8230, 75.9580, -44.4997**.

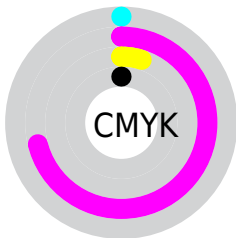
# Distribution



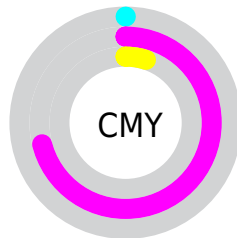
- Red (100%)
- Green (29%)
- Blue (95%)



- Red (100%)
- Yellow (29%)
- Blue (95%)



- Cyan (0%)
- Magenta (71%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.1865, 86.5285, -50.3415 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 57.1865, 86.5285, -50.3415 by changing the saturation by 10% instead.





 57.1865, 86.5285,  
-50.3415


 57.1865, 86.5285,  
-50.3415


177.2893,  
106.2165, -56.1861


 46.7974, 84.0012,  
-49.6855


 79.9459, 91.4623,  
-51.7939


 37.1260, 81.5202,  
-49.1793


 92.2428, 93.8250,  
-52.5222

 28.2315, 79.2260,  
-48.9855


 105.1125, 96.1039,  
-53.2271

 20.1888, 77.4457,  
-49.4606

 118.5306, 98.2962,  
-53.8995

 13.1000, 77.0360,  
-51.5093

132.4756,  
100.4017, -54.5340

 6.5882, 89.2958,  
-63.5618

146.9283,

0.0000, INF, -NF

102.4221, -55.1275

0.0000, NaN, -NF

161.8714,  
104.3594, -55.6784

■ 57.1865, 86.5285,  
-50.3415

■ 57.1865, 86.5285,  
-50.3415

■ 54.5895, 94.4847,  
-54.3790

■ 60.8230, 75.9580,  
-44.4997

■ 53.0145, 99.2991,  
-56.3319

■ 65.4358, 63.5842,  
-37.3352

■ 52.2973, 101.2055,  
-56.4750

■ 70.9263, 50.1816,  
-29.3320

■ 77.1819, 36.3509,  
-20.8822

■ 84.0944, 22.4865,  
-12.2564

91.5680, 8.8126,  
-3.6203

99.5217, -4.5639,  
4.9365

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



57.1876, 44.2053, -112.7859



57.1865, 86.5285, -50.3415



57.1876, 103.6359, 3.4856

# Triad

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



57.1876, 86.5251, -50.3396



57.1876, -3.4471, 39.0471



57.1876, -57.8640, -51.5212

# Complementary

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



57.1865, 86.5285, -50.3415



85.8609, -66.2170, 45.3712

# 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.



57.1876, -63.9404, 2.7376



57.1865, 86.5285, -50.3415



57.1876, -38.6713, 37.7668

# Square

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



57.1876, 86.5251, -50.3396



57.1876, 43.3199, 37.8244



57.1876, -58.0894, 29.7849



57.1876, -38.1679, -113.7521



# Rectangle

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



57.1865, 86.5285, -50.3415



57.1876, 95.4538, 24.0173



57.1876, -58.0894, 29.7849



57.1876, -61.2580, -30.8735

# Sweetspot

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



57.1876, 86.5251, -50.3396



83.7955, 23.0597, -12.6158



37.7890, 49.5880, -124.2838



37.8599, 12.4349, -6.9414

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.1876, 86.5251, -50.3396



53.7724, 97.0121, -55.5035



53.4729, 71.6835, 0.7867



42.7509, 3.4015, -1.2451



37.8161, 73.2013, -40.9899



11.8275, 22.9375, -13.1515



# Inverse Universe

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



57.1876, 86.5251, -50.3396



53.7724, 97.0121, -55.5035



87.2873, -57.4600, 24.5252



42.7509, 3.4015, -1.2451



37.8161, 73.2013, -40.9899

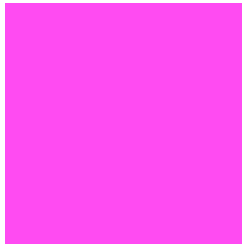


11.8275, 22.9375, -13.1515



# Previews

## White Background



This preview shows how the HunterLab color 57.1865, 86.5285, -50.3415 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

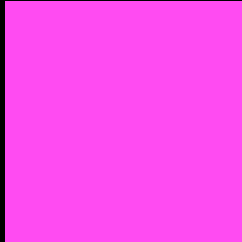
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.1865, 86.5285, -50.3415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

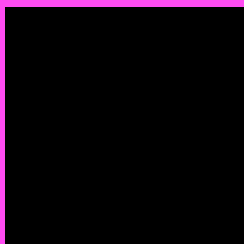
Any Text WCAG AA ✓ Pass

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 57.1865, 86.5285, -50.3415 Background



This preview shows how black text looks on a background with the HunterLab color 57.1865, 86.5285, -50.3415.



This preview shows how white text looks on a background with the HunterLab color 57.1865, 86.5285, -50.3415.

-50.3415.

# 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

57.1865, 86.5285, -50.3415

### Protanopia

57.4943, 10.6364, -61.9486

### Deuteranopia

57.4125, 4.8158, -41.8495



## Tritanopia

56.8481, 45.4186, 16.6214

# Trichromacy



## Original Color

57.1865, 86.5285, -50.3415



## Protanomaly

53.9481, 36.5084, -65.5164



## Deuteranomaly

53.9943, 33.6552, -51.6164



## Tritanomaly

56.2509, 59.5835, -2.3208

# Monochromacy



## Original Color

57.1865, 86.5285, -50.3415



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

52.5518, 29.5473, -17.0310

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.1865, 86.5285, -50.3415 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, 75, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 242)  
}
```

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, 75, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.1865, 86.5285, -50.3415 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, 75, 242) }
```



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

```
.border{ border-color:rgb(255, 75, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.1865, 86.5285, -50.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 242) }
```

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

```
.background{ background-color: rgb(255, 75,  
242) }
```

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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