

# Converting Colors

HunterLab(58.4944, 76.8562,  
-27.2235)

Have a look what the booklet for  
HunterLab(58.4944, 76.8562,  
-27.2235) contains.

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# Color

**HunterLab(57.6713, 75.3426,  
-28.5482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF59D6
RGB	255, 89, 214
RGB Percent	100%, 35%, 84%
CMY	0.0000, 0.6509, 0.1608
CMYK	0.00, 0.65, 0.16, 0.00
HSL	315°, 100%, 67%
HSV	315°, 65%, 100%
XYZ	56.9500, 33.2598, 67.0365
YIQ	152.8840, 58.8110, 74.0670

# Conversions

## Conversions Part 2

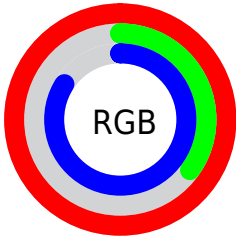
Format	Color
R <sub>Y</sub> B	255, 89, 214
Decimal	16734678
CIE Lab	64.37, 75.09, -31.57
CIE LCh	64, 81.461, 337.197
Yxy	33.2613, 0.3622, 0.2115
Android (android.graphics.Color)	4294924758 (0xFFFF59D6)
YUV	152.8840, 30.1302, 89.5557
Hunter-Lab	57.6713, 75.3426, -28.5482

# Details

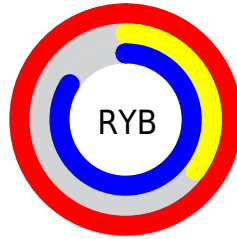
The HunterLab color **57.6713, 75.3426, -28.5482** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **86.7503, -61.4616, 37.9432**, and the grayscale version is **56.2596, -3.0019, 3.0567**.

A 20% lighter version of the original color is **70.6929, 53.1323, -34.8565**, and **37.6148, 70.7745, -27.2850** is the 20% darker color. If you saturate the color by 10%, you get **54.2320, 84.1286, -30.1400**, and if you desaturate by 10%, it is **62.1232, 64.4677, -25.4119**.

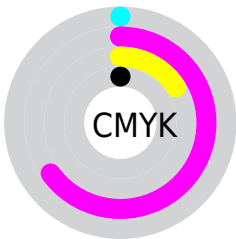
# Distribution



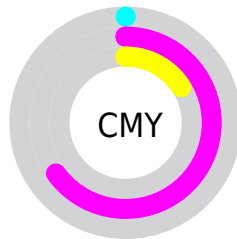
- Red (100%)
- Green (35%)
- Blue (84%)



- Red (100%)
- Yellow (35%)
- Blue (84%)



- Cyan (0%)
- Magenta (65%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.6713, 75.3426, -28.5482 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 57.6713, 75.3426, -28.5482 by changing the saturation by 10% instead.



57.6713, 75.3426,  
-28.5482

57.6713, 75.3426,  
-28.5482

177.9959, 92.9313,  
-31.4864

47.2511, 72.9729,  
-27.9733

80.4880, 79.8649,  
-29.5605

37.5462, 70.5873,  
-27.3774

92.8113, 81.9976,  
-29.9902

28.6151, 68.2764,  
-26.7993

105.7063, 84.0385,  
-30.3666

20.5320, 66.2608,  
-26.3353

119.1486, 85.9884,  
-30.6903

13.3974, 65.1270,  
-26.2409

133.1169, 87.8494,  
-30.9625

6.9570, 72.1676,  
-29.5423

147.5921, 89.6247,

0.0000, INF, -NF

-31.1848

0.0000, NaN, NaN

162.5569, 91.3175,  
-31.3589

■ 57.6713, 75.3426,  
-28.5482

■ 57.6713, 75.3426,  
-28.5482

■ 54.2320, 84.1286,  
-30.1400

■ 62.1232, 64.4677,  
-25.4119

■ 51.8487, 90.0883,  
-29.9481

■ 67.4852, 52.3170,  
-21.0922

■ 50.4781, 92.8576,  
-27.9861

■ 73.6420, 39.5388,  
-15.9339

■ 50.0664, 93.3429,  
-26.5824

■ 80.4791, 26.5768,  
-10.2158

■ 87.8951, 13.6928,  
-4.1383

95.8042, 1.0201,  
2.1645

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.



57.6726, 44.8625, -77.4782



57.6713, 75.3426, -28.5482



57.6726, 82.6186, 10.7747

# Triad

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



57.6726, 75.3389, -28.5464



57.6726, -11.4759, 37.6756



57.6726, -48.4069, -52.3361

# Complementary

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



57.6713, 75.3426, -28.5482



86.7503, -61.4616, 37.9432

# 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.



57.6726, -56.8273, -5.7079



57.6713, 75.3426, -28.5482



57.6726, -39.1587, 34.7733

# Square

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



57.6726, 75.3389, -28.5464



57.6726, 26.1827, 36.7920



57.6726, -53.9139, 23.2294



57.6726, -27.4676, -96.1172



# Rectangle

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



57.6713, 75.3426, -28.5482



57.6726, 72.0479, 25.8087



57.6726, -53.9139, 23.2294



57.6726, -52.5283, -35.6571

# Sweetspot

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



57.6726, 75.3389, -28.5464



84.1907, 19.9924, -7.1547



43.5147, 48.9054, -101.2361



37.9949, 10.9281, -4.0961

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.6726, 75.3389, -28.5464



53.4304, 86.1784, -30.2738



54.8701, 63.5948, 10.8392



42.6839, 3.0432, -0.2944



36.2254, 67.5965, -19.6876



11.3801, 21.3641, -7.1846



# Inverse Universe

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



57.6726, 75.3389, -28.5464



53.4304, 86.1784, -30.2738



88.5066, -50.8088, 12.4799



42.6839, 3.0432, -0.2944



36.2254, 67.5965, -19.6876



11.3801, 21.3641, -7.1846



# Previews

## White Background



This preview shows how the HunterLab color 57.6713, 75.3426, -28.5482 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

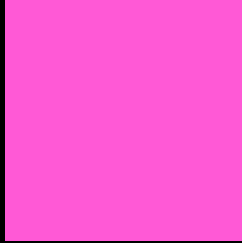
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.6713, 75.3426, -28.5482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

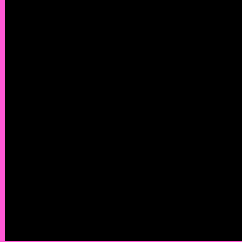
Any Text WCAG AA ✓ Pass

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 57.6713, 75.3426, -28.5482 Background



This preview shows how black text looks on a background with the HunterLab color 57.6713, 75.3426, -28.5482.



This preview shows how white text looks on a background with the HunterLab color 57.6713, 75.3426, -28.5482.

-28.5482.

# 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

57.6713, 75.3426, -28.5482

### Protanopia

58.0063, 10.8440, -60.7684

### Deuteranopia

57.9498, 4.2673, -22.6648



## Tritanopia

57.4740, 47.0562, 17.2449

# Trichromacy



## Original Color

57.6713, 75.3426, -28.5482



## Protanomaly

55.1031, 31.3201, -54.1994



## Deuteranomaly

55.6403, 29.7266, -28.7831



## Tritanomaly

57.1047, 56.4678, 3.9791

# Monochromacy



## Original Color

57.6713, 75.3426, -28.5482



## Achromatopsia

56.4399, -3.0115, 3.0665



## Achromatomaly

54.7792, 24.5581, -9.7126

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.6713, 75.3426, -28.5482 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, 89, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 214)  
}
```

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, 89, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.6713, 75.3426, -28.5482 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, 89, 214) }
```



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

```
.border{ border-color:rgb(255, 89, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.6713, 75.3426, -28.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 214) }
```

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

```
.background{ background-color: rgb(255, 89,  
214) }
```

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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