

# Converting Colors

HunterLab(59.8782, 72.1885,  
-36.5824)

Have a look what the booklet for  
HunterLab(59.8782, 72.1885,  
-36.5824) contains.

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# Color

**HunterLab(59.8100, 72.0789,  
-36.8276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC65E7
RGB	252, 101, 231
RGB Percent	99%, 40%, 91%
CMY	0.0118, 0.6039, 0.0941
CMYK	0.00, 0.60, 0.08, 0.01
HSL	308°, 96%, 69%
HSV	308°, 60%, 99%
XYZ	59.2224, 35.7724, 79.3848
YIQ	160.9690, 48.2660, 72.4420

# Conversions

## Conversions Part 2

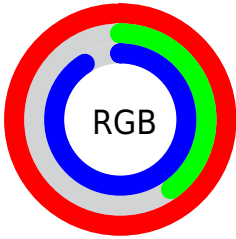
Format	Color
R <sub>Y</sub> B	252, 101, 231
Decimal	16541159
CIE Lab	66.35, 72.12, -38.03
CIE LCh	66, 81.529, 332.195
Yxy	35.7740, 0.3396, 0.2051
Android (android.graphics.Color)	4294731239 (0xFFFC65E7)
YUV	160.9690, 34.5253, 79.8342
Hunter-Lab	59.8100, 72.0789, -36.8276

# Details

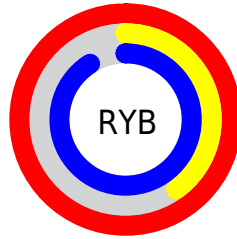
The HunterLab color **59.8100, 72.0789, -36.8276** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **85.9035, -59.5433, 39.1811**, and the grayscale version is **59.5376, -3.1768, 3.2348**.

A 20% lighter version of the original color is **72.9906, 47.5813, -31.0401**, and **39.3747, 67.4449, -35.6277** is the 20% darker color. If you saturate the color by 10%, you get **56.0460, 82.3439, -41.2827**, and if you desaturate by 10%, it is **64.5292, 60.1180, -31.0572**.

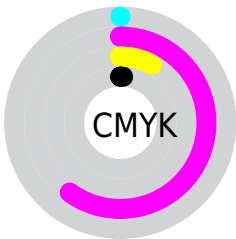
# Distribution



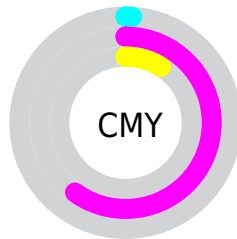
- Red (99%)
- Green (40%)
- Blue (91%)



- Red (99%)
- Yellow (40%)
- Blue (91%)



- Cyan (0%)
- Magenta (60%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (60%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8100, 72.0789, -36.8276 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 59.8100, 72.0789, -36.8276 by changing the saturation by 10% instead.



59.8100, 72.0789,  
-36.8276

59.8100, 72.0789,  
-36.8276

181.0999, 88.7769,  
-41.0203

49.2542, 69.7855,  
-36.1700

82.8753, 76.4160,  
-38.0707

39.4036, 67.4496,  
-35.5315

95.3136, 78.4483,  
-38.6348

30.3145, 65.1370,  
-34.9767

108.3185, 80.3873,  
-39.1526

22.0570, 63.0094,  
-34.6519

121.8663, 82.2349,  
-39.6222

14.7252, 61.4876,  
-34.9200

135.9362, 83.9941,  
-40.0432

8.3824, 62.7110,  
-37.3315

150.5094, 85.6685,

0.0000, INF, -NF

-40.4159

0.0000, NaN, NaN

165.5690, 87.2615,  
-40.7413

■ 59.8100, 72.0789,  
-36.8276

■ 59.8100, 72.0789,  
-36.8276

■ 56.0460, 82.3439,  
-41.2827

■ 64.5292, 60.1180,  
-31.0572

■ 53.3015, 90.1249,  
-44.0151

■ 70.0957, 47.2156,  
-24.4071

■ 51.5767, 94.8433,  
-44.7830

■ 76.3983, 33.9296,  
-17.2268

■ 50.7040, 96.6875,  
-43.8106

■ 83.3309, 20.6205,  
-9.7662

■ 50.6981, 96.6984,  
-43.8000

■ 90.8010, 7.4897,  
-2.1850

98.7307, -5.3688,  
5.4230

99.7174, -6.3200,  
5.0829

# Harmonies

## Analogous

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



59.8114, 38.8082, -84.8193



59.8100, 72.0789, -36.8276



59.8114, 83.9451, 5.7483

# Triad

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



59.8114, 72.0759, -36.8255



59.8114, -5.8499, 38.8792



59.8114, -51.6114, -44.1357

# Complementary

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



59.8100, 72.0789, -36.8276



85.9035, -59.5433, 39.1811

# 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.



59.8114, -58.2579, 0.6510



59.8100, 72.0789, -36.8276



59.8114, -36.0780, 36.6229

# Square

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



59.8114, 72.0759, -36.8255



59.8114, 33.0423, 37.2678



59.8114, -53.3311, 26.7146



59.8114, -32.4420, -90.5296



# Rectangle

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



59.8100, 72.0789, -36.8276



59.8114, 76.2955, 23.3273



59.8114, -53.3311, 26.7146



59.8114, -55.1454, -27.7181

# Sweetspot

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



59.8114, 72.0759, -36.8255



85.8636, 18.3441, -8.4391



45.1799, 39.9753, -92.3197



38.7360, 10.2937, -4.9346

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.8114, 72.0759, -36.8255



56.1254, 85.3727, -42.5893



56.9363, 59.7242, 3.2046



41.8098, 3.1818, -0.8536



36.6133, 69.8703, -31.9135



11.1921, 21.4379, -10.3723



# Inverse Universe

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



59.8114, 72.0759, -36.8255



56.1254, 85.3727, -42.5893



87.4090, -50.4206, 17.2958



41.8098, 3.1818, -0.8536



36.6133, 69.8703, -31.9135



11.1921, 21.4379, -10.3723



# Previews

## White Background



This preview shows how the HunterLab color 59.8100, 72.0789, -36.8276 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

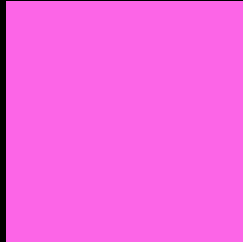
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 59.8100, 72.0789, -36.8276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

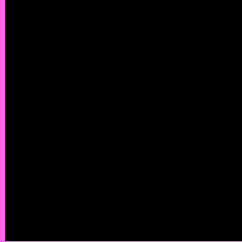
Any Text WCAG AA ✓ Pass

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 59.8100, 72.0789, -36.8276 Background



This preview shows how black text looks on a background with the HunterLab color 59.8100, 72.0789, -36.8276.



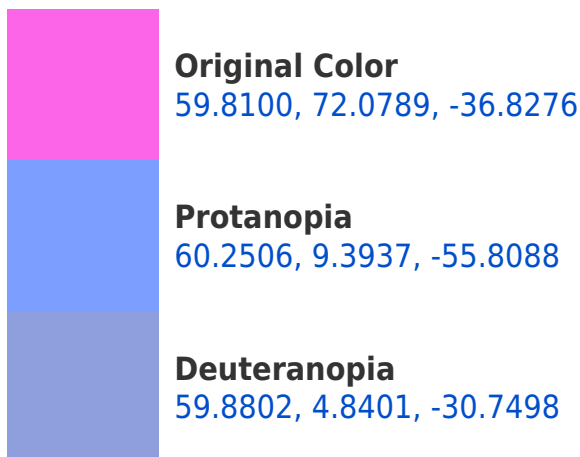
This preview shows how white text looks on a background with the HunterLab color 59.8100, 72.0789, -36.8276.

-36.8276.

# 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





## Tritanopia

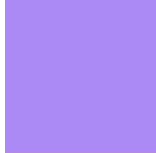
59.6223, 40.7186, 14.6579

# Trichromacy



## Original Color

59.8100, 72.0789, -36.8276



## Protanomaly

57.8694, 29.8754, -53.1472



## Deuteranomaly

58.0349, 28.2582, -36.5192



## Tritanomaly

59.3445, 51.4220, -0.5273

# Monochromacy



## Original Color

59.8100, 72.0789, -36.8276



## Achromatopsia

59.6993, -3.1854, 3.2436



## Achromatomaly

57.8617, 23.2000, -11.5408

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.8100, 72.0789, -36.8276 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(252, 101, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 101, 231)  
}
```

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(252, 101, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 101, 231) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.8100, 72.0789, -36.8276 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(252, 101, 231) }
```



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

```
.border{ border-color:rgb(252, 101, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 101, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 101, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 101, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 101,  
231) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.8100, 72.0789, -36.8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 101, 231) }
```

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

```
.background{ background-color: rgb(252,  
101, 231) }
```

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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