

# Converting Colors

HunterLab(57.2727, 85.5844,  
-48.7316)

Have a look what the booklet for  
HunterLab(57.2727, 85.5844,  
-48.7316) contains.

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# Color

**HunterLab(57.3228, 85.3449,  
-48.4510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4DF0
RGB	255, 77, 240
RGB Percent	100%, 30%, 94%
CMY	0.0000, 0.6980, 0.0588
CMYK	0.00, 0.70, 0.06, 0.00
HSL	305°, 100%, 65%
HSV	305°, 70%, 100%
XYZ	59.6221, 32.8590, 85.6380
YIQ	148.8040, 53.7650, 88.4290

# Conversions

## Conversions Part 2

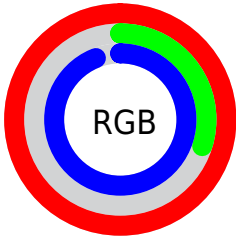
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 77, 240
Decimal	16731632
CIE <sub>Lab</sub>	64.05, 82.98, -46.60
CIE <sub>LCh</sub>	64, 95.174, 330.683
Yxy	32.8603, 0.3347, 0.1845
Android (android.graphics.Color)	4294921712 (0xFFFF4DF0)
YUV	148.8040, 44.9596, 93.1339
Hunter-Lab	57.3228, 85.3449, -48.4510

# Details

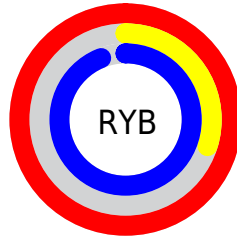
The HunterLab color  $57.3228, 85.3449, -48.4510$  is a light color, and the websafe version is hex  $FF66FF$ . The color can be described as light washed magenta. A complement of this color would be  $85.9482, -65.7714, 44.8234$ , and the grayscale version is  $54.5538, -2.9109, 2.9640$ .

A 20% lighter version of the original color is  $68.7286, 58.0679, -38.2484$ , and  $38.5853, 74.9388, -43.7511$  is the 20% darker color. If you saturate the color by 10%, you get  $54.6230, 93.4781, -52.3811$ , and if you desaturate by 10%, it is  $61.0597, 74.6603, -42.7522$ .

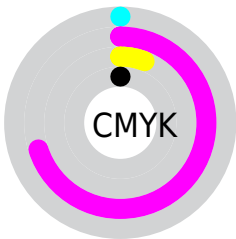
# Distribution



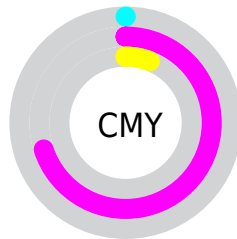
- Red (100%)
- Green (30%)
- Blue (94%)



- Red (100%)
- Yellow (30%)
- Blue (94%)



- Cyan (0%)
- Magenta (70%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.3228, 85.3449, -48.4510 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 57.3228, 85.3449, -48.4510 by changing the saturation by 10% instead.



57.3228, 85.3449,  
-48.4510

57.3228, 85.3449,  
-48.4510

177.4880,  
104.8142, -54.1210

46.9249, 82.8319,  
-47.7847

80.0983, 90.2375,  
-49.8909

37.2441, 80.3571,  
-47.2479

92.4026, 92.5765,  
-50.6033

28.3393, 78.0542,  
-46.9887

105.2794, 94.8305,  
-51.2885

20.2852, 76.2356,  
-47.3325

118.7044, 96.9973,  
-51.9385

13.1834, 75.7193,  
-49.1044

132.6560, 99.0771,  
-52.5486

6.6940, 86.8436,  
-59.7749

147.1150,

0.0000, INF, -NF

101.0715, -53.1164

0.0000, NaN, -NF

162.0642,  
102.9830, -53.6407

■ 57.3228, 85.3449,  
-48.4510

■ 57.3228, 85.3449,  
-48.4510

■ 54.6230, 93.4781,  
-52.3811

■ 61.0597, 74.6603,  
-42.7522

■ 52.9510, 98.4967,  
-54.2512

■ 65.7651, 62.2432,  
-35.7616


■ 52.1401, 100.5810,  
-54.2451

■ 71.3378, 48.8553,  
-27.9502

■ 52.1272, 100.6114,  
-54.2378

■ 77.6648, 35.0781,  
-19.6960

■ 84.6387, 21.2880,  
-11.2589

 92.1649, 7.6964,  
-2.7979

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.



57.3239, 44.0579, -109.4882



57.3228, 85.3449, -48.4510



57.3239, 101.6507, 4.0249

# Triad

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



57.3239, 85.3414, -48.4491



57.3239, -4.0174, 39.0195



57.3239, -57.1548, -51.3062

# Complementary

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



57.3228, 85.3449, -48.4510



85.9482, -65.7714, 44.8234

# 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.



57.3239, -63.3808, 2.2007



57.3228, 85.3449, -48.4510



57.3239, -38.6202, 37.6329

# Square

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



57.3239, 85.3414, -48.4491



57.3239, 41.9075, 37.7810



57.3239, -57.7103, 29.3740



57.3239, -37.3860, -111.8150



# Rectangle

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



57.3228, 85.3449, -48.4510



57.3239, 93.3340, 24.1091



57.3239, -57.7103, 29.3740



57.3239, -60.5964, -31.0403

# Sweetspot

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



57.3239, 85.3414, -48.4491



83.7712, 22.9347, -12.2746



38.4658, 49.1718, -121.2621



37.8469, 12.3689, -6.7595

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.3239, 85.3414, -48.4491



53.7992, 95.9822, -53.4239



53.6740, 70.6707, 1.8884



42.7462, 3.3766, -1.1789



37.6951, 72.7786, -39.3984



11.7940, 22.8204, -12.7109



# Inverse Universe

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



57.3239, 85.3414, -48.4491



53.7992, 95.9822, -53.4239



87.4229, -56.7294, 23.2877



42.7462, 3.3766, -1.1789



37.6951, 72.7786, -39.3984



11.7940, 22.8204, -12.7109



# Previews

## White Background



This preview shows how the HunterLab color 57.3228, 85.3449, -48.4510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

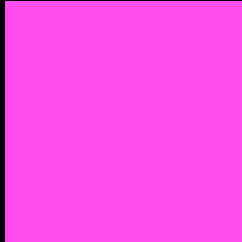
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.3228, 85.3449, -48.4510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

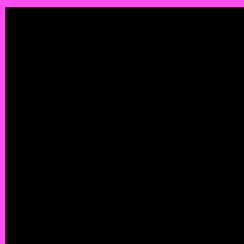
Any Text WCAG AA ✓ Pass

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 57.3228, 85.3449, -48.4510 Background



This preview shows how black text looks on a background with the HunterLab color 57.3228, 85.3449, -48.4510.



This preview shows how white text looks on a background with the HunterLab color 57.3228, 85.3449, -48.4510.

-48.4510.

# 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

57.3228, 85.3449, -48.4510

### Protanopia

57.5510, 10.8201, -61.8143

### Deuteranopia

57.4436, 4.7253, -40.2787



## Tritanopia

57.2243, 45.4292, 16.6413

# Trichromacy



## Original Color

57.3228, 85.3449, -48.4510



## Protanomaly

54.2788, 36.2223, -64.7120



## Deuteranomaly

54.3310, 33.1822, -49.2527



## Tritanomaly

56.4222, 59.1093, -2.1081

# Monochromacy



## Original Color

57.3228, 85.3449, -48.4510



## Achromatopsia

54.8219, -2.9252, 2.9786



## Achromatomaly

53.1363, 28.8375, -16.1340

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.3228, 85.3449, -48.4510 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, 77, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 240)  
}
```

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, 77, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.3228, 85.3449, -48.4510 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, 77, 240) }
```



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

```
.border{ border-color:rgb(255, 77, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.3228, 85.3449, -48.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 240) }
```

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

```
.background{ background-color: rgb(255, 77,  
240) }
```

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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