

# Converting Colors

HunterLab(64.5448, 57.4698,  
-20.5133)

Have a look what the booklet for  
HunterLab(64.5448, 57.4698,  
-20.5133) contains.

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# Color

**HunterLab(64.6628, 57.2864,  
-20.6015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF80DB
RGB	255, 128, 219
RGB Percent	100%, 50%, 86%
CMY	0.0000, 0.4980, 0.1412
CMYK	0.00, 0.50, 0.14, 0.00
HSL	317°, 100%, 75%
HSV	317°, 50%, 100%
XYZ	61.7453, 41.8128, 71.8341
YIQ	176.3470, 46.4810, 55.2250

# Conversions

## Conversions Part 2

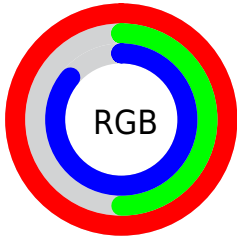
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 128, 219</a>
Decimal	<a href="#">16744667</a>
CIELab	<a href="#">70.74, 59.15, -24.55</a>
CIELCh	<a href="#">71, 64.041, 337.456</a>
Yxy	<a href="#">41.8146, 0.3520, 0.2384</a>
Android (android.graphics.Color)	<a href="#">4294934747 (0xFFFF80DB)</a>
YUV	<a href="#">176.3470, 21.0279, 68.9787</a>
Hunter-Lab	<a href="#">64.6628, 57.2864, -20.6015</a>

# Details

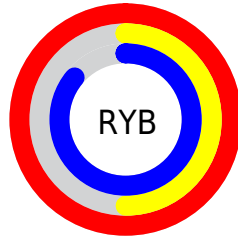
The HunterLab color  $64.6628, 57.2864, -20.6015$  is a light color, and the websafe version is hex  $FF66CC$ . A complement of this color would be  $88.7639, -52.0452, 30.3231$ , and the grayscale version is  $65.9378, -3.5183, 3.5825$ .

A 20% lighter version of the original color is  $79.2218, 33.5725, -21.4010$ , and  $43.6473, 53.5978, -19.8758$  is the 20% darker color. If you saturate the color by 10%, you get  $59.6696, 68.7732, -23.7693$ , and if you desaturate by 10%, it is  $70.5069, 44.9010, -16.4114$ .

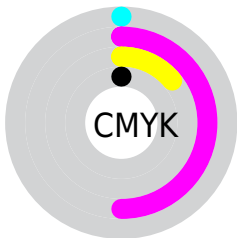
# Distribution



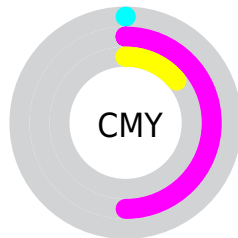
- Red (100%)
- Green (50%)
- Blue (86%)



- Red (100%)
- Yellow (50%)
- Blue (86%)



- Cyan (0%)
- Magenta (50%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6628, 57.2864, -20.6015 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 64.6628, 57.2864, -20.6015 by changing the saturation by 10% instead.



64.6628, 57.2864,  
-20.6015

64.6628, 57.2864,  
-20.6015

188.0728, 70.1947,  
-21.5382

53.8109, 55.3775,  
-20.2196

88.2717, 60.7856,  
-21.1802

43.6436, 53.3732,  
-19.7803

100.9622, 62.3876,  
-21.3836

34.2122, 51.2880,  
-19.2886

114.2085, 63.8958,  
-21.5322

25.5792, 49.1724,  
-18.7649

127.9883, 65.3151,  
-21.6286

17.8268, 47.1649,  
-18.2666

142.2816, 66.6503,  
-21.6753

11.0695, 45.6895,  
-17.9710

157.0706, 67.9059,

2.8678, 102.1477,

-21.6743

-40.8867

172.3392, 69.0861,  
-21.6280

0.0000, INF, -NF

0.0000, NaN, NaN

■ 64.6628, 57.2864,  
-20.6015

■ 64.6628, 57.2864,  
-20.6015

■ 59.6696, 68.7732,  
-23.7693

■ 70.5069, 44.9010,  
-16.4114

■ 55.6367, 78.6397,  
-25.5829

■ 77.0794, 32.1608,  
-11.5039

■ 52.6477, 86.0699,  
-25.7529

■ 84.2729, 19.3961,  
-6.1079

■ 50.7154, 90.4441,  
-24.1754


■ 91.9942, 6.7888,  
-0.3860

■ 49.6830, 91.8960,

100.0000, -5.3358,

-21.1467

5.4332

 49.6659, 91.9140,  
-21.0818

# Harmonies

## Analogous

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



64.6642, 34.5255, -55.1595



64.6628, 57.2864, -20.6015



64.6642, 62.4737, 10.0995

# Triad

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



64.6642, 57.2830, -20.5998



64.6642, -10.6081, 37.3116



64.6642, -42.3952, -38.3239

# Complementary

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



64.6628, 57.2864, -20.6015



88.7639, -52.0452, 30.3231

# 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.



64.6642, -50.3948, -3.8333



64.6628, 57.2864, -20.6015



64.6642, -34.2905, 33.2589

# Square

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



64.6642, 57.2830, -20.5998



64.6642, 19.6094, 36.0430



64.6642, -47.7175, 20.8890



64.6642, -23.6784, -68.1793



# Rectangle

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



64.6628, 57.2864, -20.6015



64.6642, 54.5582, 23.6852



64.6642, -47.7175, 20.8890



64.6642, -46.2596, -26.4090

# Sweetspot

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



64.6642, 57.2830, -20.5998



87.9194, 13.3165, -3.3935



55.2733, 35.9276, -66.7948



39.9281, 7.3933, -2.1252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.6642, 57.2830, -20.5998



59.5798, 68.9878, -23.8196



62.5174, 47.4036, 9.7249



42.6701, 2.9693, -0.0983



35.9388, 66.5746, -15.7557



11.2976, 21.0711, -6.0608



# Inverse Universe

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



64.6642, 57.2830, -20.5998



59.5798, 68.9878, -23.8196



90.3784, -42.4349, 7.0425



42.6701, 2.9693, -0.0983



35.9388, 66.5746, -15.7557



11.2976, 21.0711, -6.0608



# Previews

## White Background



This preview shows how the HunterLab color 64.6628, 57.2864, -20.6015 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

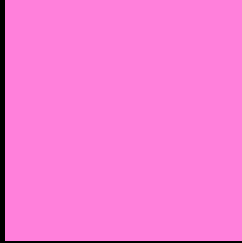
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.6628, 57.2864, -20.6015 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

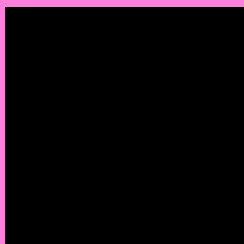
Any Text WCAG AA ✓ Pass

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 64.6628, 57.2864, -20.6015 Background



This preview shows how black text looks on a background with the HunterLab color 64.6628, 57.2864, -20.6015.



This preview shows how white text looks on a background with the HunterLab color 64.6628, 57.2864, -20.6015.

-20.6015.

# 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

64.6628, 57.2864, -20.6015

### Protanopia

65.0338, 6.9812, -43.0104

### Deuteranopia

64.9314, 4.7251, -16.7826



## Tritanopia

64.4999, 36.9386, 12.6885

# Trichromacy



## Original Color

64.6628, 57.2864, -20.6015



## Protanomaly

63.3354, 23.1773, -37.0126



## Deuteranomaly

63.9574, 22.9992, -19.7854



## Tritanomaly

64.4786, 44.0320, 2.2544

# Monochromacy



## Original Color

64.6628, 57.2864, -20.6015



## Achromatopsia

65.8903, -3.5157, 3.5799



## Achromatomaly

64.4835, 17.5045, -5.8119

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.6628, 57.2864, -20.6015 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, 128, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 219)  
}
```

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, 128, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.6628, 57.2864, -20.6015 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, 128, 219) }
```



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

```
.border{ border-color:rgb(255, 128, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.6628, 57.2864, -20.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 219) }
```

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

```
.background{ background-color: rgb(255,  
128, 219) }
```

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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