

# Converting Colors

HunterLab(60.9430, 65.0947,  
-21.5845)

Have a look what the booklet for  
HunterLab(60.9430, 65.0947,  
-21.5845) contains.

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# Color

**HunterLab(60.9634, 65.1858,  
-21.8711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF6ED4
RGB	255, 110, 212
RGB Percent	100%, 43%, 83%
CMY	0.0000, 0.5686, 0.1686
CMYK	0.00, 0.57, 0.17, 0.00
HSL	318°, 100%, 72%
HSV	318°, 57%, 100%
XYZ	58.6996, 37.1654, 66.3672
YIQ	164.9830, 53.6780, 62.4620

# Conversions

## Conversions Part 2

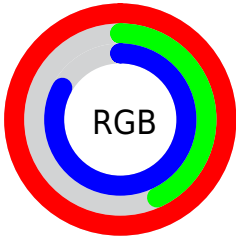
Format	Color
R <sub>Y</sub> B	255, 110, 212
Decimal	16740052
CIE Lab	67.40, 66.31, -25.78
CIE LCh	67, 71.142, 338.755
Yxy	37.1670, 0.3618, 0.2291
Android (android.graphics.Color)	4294930132 (0xFFFF6ED4)
YUV	164.9830, 23.1794, 78.9449
Hunter-Lab	60.9634, 65.1858, -21.8711

# Details

The HunterLab color **60.9634, 65.1858, -21.8711** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87.8269, -56.2600, 32.7868**, and the grayscale version is **61.2270, -3.2669, 3.3266**.

A 20% lighter version of the original color is **74.9116, 43.1089, -27.9640**, and **40.3951, 60.6904, -20.8651** is the 20% darker color. If you saturate the color by 10%, you get **56.6219, 75.5646, -23.8946**, and if you desaturate by 10%, it is **66.2375, 53.4161, -18.5865**.

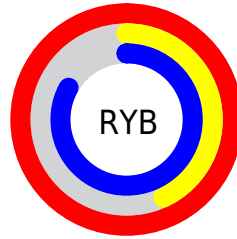
# Distribution



Red (100%)

Green (43%)

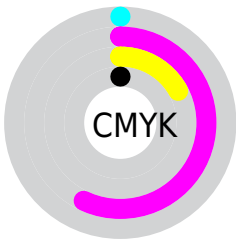
Blue (83%)



Red (100%)

Yellow (43%)

Blue (83%)

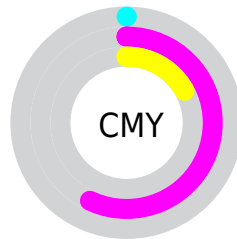


Cyan (0%)

Magenta (57%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.9634, 65.1858, -21.8711 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 60.9634, 65.1858, -21.8711 by changing the saturation by 10% instead.



60.9634, 65.1858,  
-21.8711

60.9634, 65.1858,  
-21.8711

182.7657, 80.3007,  
-23.2792

50.3357, 63.0424,  
-21.4366

84.1603, 69.1826,  
-22.5593

40.4081, 60.8294,  
-20.9497

96.6596, 71.0369,  
-22.8173

31.2357, 58.5878,  
-20.4216

109.7228, 72.7962,  
-23.0198

22.8865, 56.4270,  
-19.8876

123.3267, 74.4641,  
-23.1691

15.4516, 54.6360,  
-19.4448

137.4505, 76.0444,  
-23.2675

9.0524, 54.2135,  
-19.4399

152.0758, 77.5413,

0.0000, INF, -NF

-23.3173

0.0000, NaN, NaN

167.1859, 78.9588,  
-23.3205

■ 60.9634, 65.1858,  
-21.8711

■ 60.9634, 65.1858,  
-21.8711

■ 56.6219, 75.5646,  
-23.8946

■ 66.2375, 53.4161,  
-18.5865

■ 53.3050, 83.7535,  
-24.3589

■ 72.3225, 40.9432,  
-14.3703

■ 51.0528, 89.0341,  
-23.1024

■ 79.1026, 28.2320,  
-9.4972

■ 49.8006, 91.1489,  
-20.2460

■ 86.4735, 15.5633,  
-4.1752

■ 49.5277, 91.4197,  
-19.1742

■ 94.3468, 3.0830,  
1.4504

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.



60.9647, 40.1422, -62.0693



60.9634, 65.1858, -21.8711



60.9647, 70.0787, 11.5570

# Triad

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



60.9647, 65.1822, -21.8694



60.9647, -12.3242, 37.4230



60.9647, -44.1326, -45.7421

# Complementary

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



60.9634, 65.1858, -21.8711



87.8269, -56.2600, 32.7868

# 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.



60.9647, -52.8503, -6.2591



60.9634, 65.1858, -21.8711



60.9647, -37.1307, 33.5567

# Square

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



60.9647, 65.1822, -21.8694



60.9647, 20.6283, 36.5164



60.9647, -50.5818, 20.9173



60.9647, -23.9496, -80.0894



# Rectangle

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



60.9634, 65.1858, -21.8711



60.9647, 60.4574, 25.2620



60.9647, -50.5818, 20.9173



60.9647, -48.2904, -32.0012

# Sweetspot

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



60.9647, 65.1822, -21.8694



86.3664, 15.7399, -4.2522



49.9613, 42.6369, -80.7404



39.2528, 8.4542, -2.4746

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



60.9647, 65.1822, -21.8694



56.1905, 76.6245, -24.0312



58.6082, 54.7617, 11.4132



42.6652, 2.9428, -0.0281



35.8398, 66.2208, -14.3909



11.2689, 20.9690, -5.6684



# Inverse Universe

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



60.9647, 65.1822, -21.8694



56.1905, 76.6245, -24.0312



89.5516, -45.9103, 7.8823



42.6652, 2.9428, -0.0281



35.8398, 66.2208, -14.3909



11.2689, 20.9690, -5.6684



# Previews

## White Background



This preview shows how the HunterLab color 60.9634, 65.1858, -21.8711 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

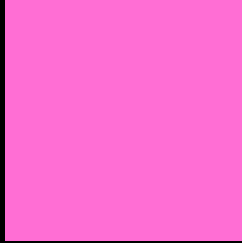
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.9634, 65.1858, -21.8711 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

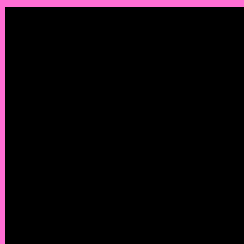
Any Text WCAG AA ✓ Pass

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 60.9634, 65.1858, -21.8711 Background



This preview shows how black text looks on a background with the HunterLab color 60.9634, 65.1858, -21.8711.



This preview shows how white text looks on a background with the HunterLab color 60.9634, 65.1858, -21.8711.

-21.8711.

# 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

60.9634, 65.1858, -21.8711

### Protanopia

61.4609, 8.6343, -50.8193

### Deuteranopia

61.0925, 4.5289, -17.7170



## Tritanopia

60.9926, 42.3606, 15.3187

# Trichromacy



## Original Color

60.9634, 65.1858, -21.8711



## Protanomaly

59.2507, 26.5770, -43.1986



## Deuteranomaly

59.5425, 26.0311, -21.6356



## Tritanomaly

60.7160, 50.5089, 4.0001

# Monochromacy



## Original Color

60.9634, 65.1858, -21.8711



## Achromatopsia

61.3402, -3.2730, 3.3327



## Achromatomaly

59.6942, 20.6995, -6.8107

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.9634, 65.1858, -21.8711 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, 110, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 212)  
}
```

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, 110, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 212) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.9634, 65.1858, -21.8711 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, 110, 212) }
```



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

```
.border{ border-color:rgb(255, 110, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 110, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 110, 212); box-shadow:4px 4px 4px 4px rgb(255, 110, 212) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.9634, 65.1858, -21.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 212) }
```

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

```
.background{ background-color: rgb(255,  
110, 212) }
```

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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