

# Converting Colors

HunterLab(53.9980, 68.0291,  
18.3694)

Have a look what the booklet for  
HunterLab(53.9980, 68.0291,  
18.3694) contains.

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# Color

**HunterLab(52.8940, 65.5405,  
17.2048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF4F6E
RGB	255, 79, 110
RGB Percent	100%, 31%, 43%
CMY	0.0000, 0.6902, 0.5686
CMYK	0.00, 0.69, 0.57, 0.00
HSL	349°, 100%, 65%
HSV	349°, 69%, 100%
XYZ	46.8505, 27.9778, 17.6828
YIQ	135.1580, 94.9450, 46.9530

# Conversions

## Conversions Part 2

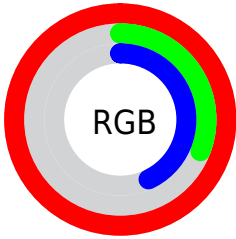
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 79, 110
Decimal	16732014
CIE <sub>Lab</sub>	59.87, 67.94, 21.69
CIE <sub>LCh</sub>	60, 71.322, 17.707
Yxy	27.9794, 0.5064, 0.3024
Android (android.graphics.Color)	4294922094 (0xFFFF4F6E)
YUV	135.1580, -12.4029, 105.1014
Hunter-Lab	52.8940, 65.5405, 17.2048

# Details

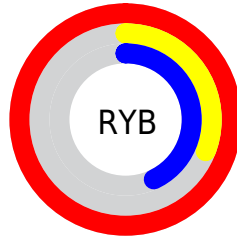
The HunterLab color **52.8940, 65.5405, 17.2048** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **88.6368, -49.5063, 6.5737**, and the grayscale version is **49.3080, -2.6310, 2.6790**.

A 20% lighter version of the original color is **64.8153, 42.8934, 9.8459**, and **34.0079, 59.2948, 13.7949** is the 20% darker color. If you saturate the color by 10%, you get **49.5723, 72.9049, 20.5211**, and if you desaturate by 10%, it is **57.3610, 56.2675, 14.1320**.

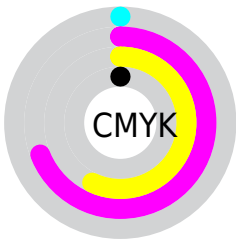
# Distribution



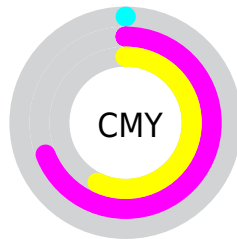
- Red (100%)
- Green (31%)
- Blue (43%)



- Red (100%)
- Yellow (31%)
- Blue (43%)



- Cyan (0%)
- Magenta (69%)
- Yellow (57%)
- Black (0%)




- Cyan (0%)
- Magenta (69%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8940, 65.5405, 17.2048 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 52.8940, 65.5405, 17.2048 by changing the saturation by 10% instead.




 52.8940, 65.5405,  
17.2048


 52.8940, 65.5405,  
17.2048


170.9878, 81.6809,  
32.5687


 42.7903, 63.3000,  
15.3273


 75.1342, 69.7683,  
20.7896


 33.4258, 61.0302,  
13.3611


 87.1912, 71.7436,  
22.5233

 24.8661, 58.8220,  
11.2708

 99.8320, 73.6227,  
24.2310

 17.1954, 56.9189,  
9.0075

 113.0308, 75.4078,  
25.9194

 10.5320, 56.0433,  
7.3724

126.7648, 77.1023,  
27.5937

0.0000, INF, NaN

0.0000, INF, NaN

141.0140, 78.7100,

29.2580

0.0000, NaN, NaN

155.7604, 80.2349,  
30.9154

0.0000, NaN, NaN

■ 52.8940, 65.5405,  
17.2048

■ 52.8940, 65.5405,  
17.2048

■ 49.5723, 72.9049,  
20.5211

■ 57.3610, 56.2675,  
14.1320

■ 47.4427, 77.6243,  
23.7622

■ 62.8458, 45.9321,  
11.4962

■ 46.3890, 79.5825,  
26.5446

■ 69.2037, 35.1815,  
9.3743

■ 46.3126, 79.7193,  
26.7677

■ 76.2949, 24.4262,  
7.7589

■ 83.9988, 13.8807,  
6.6005

92.2167, 3.6330,  
5.8361

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



52.8955, 67.6385, -10.4473



52.8940, 65.5405, 17.2048



52.8955, 42.7692, 29.7726

# Triad

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



52.8955, 65.5356, 17.2059



52.8955, -39.6283, 28.3618



52.8955, -14.7554, -85.9320

# Complementary

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



52.8940, 65.5405, 17.2048



88.6368, -49.5063, 6.5737

# 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.



52.8955, -36.8220, -57.3415



52.8940, 65.5405, 17.2048



52.8955, -48.8386, 13.4446

# Square

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



52.8955, 65.5356, 17.2059



52.8955, -19.5251, 33.2363



52.8955, -47.9438, -17.0817



52.8955, 16.2438, -82.7522



# Rectangle

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



52.8940, 65.5405, 17.2048



52.8955, 21.3424, 32.8721



52.8955, -47.9438, -17.0817



52.8955, -23.3072, -79.2572

# Sweetspot

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



52.8955, 65.5356, 17.2059



82.4260, 15.9519, 6.7971



53.3475, 77.9451, -70.9088



37.1379, 8.7218, 3.2835

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.8955, 65.5356, 17.2059



48.5816, 75.1332, 21.8419



62.5143, 37.0205, 32.1514



42.4727, 1.9095, 2.7136



33.4999, 57.7088, 19.0175



10.5181, 18.2473, 4.9772



# Inverse Universe

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



52.8955, 65.5356, 17.2059



48.5816, 75.1332, 21.8419



70.6073, -17.9884, -36.2501



42.4727, 1.9095, 2.7136



33.4999, 57.7088, 19.0175



10.5181, 18.2473, 4.9772



# Previews

## White Background



This preview shows how the HunterLab color 52.8940, 65.5405, 17.2048 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8940, 65.5405, 17.2048 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 52.8940, 65.5405, 17.2048 Background



This preview shows how black text looks on a background with the HunterLab color 52.8940, 65.5405, 17.2048.



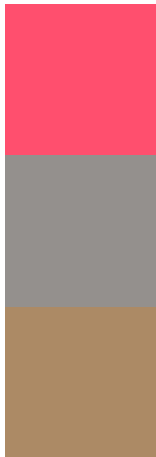
This preview shows how white text looks on a background with the HunterLab color 52.8940, 65.5405,



# 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

52.8940, 65.5405, 17.2048

### Protanopia

53.0712, -2.0837, 4.5136

### Deuteranopia

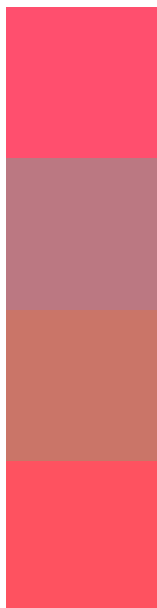
52.8083, 3.7530, 18.7829



## Tritanopia

52.8790, 61.8216, 23.3143

# Trichromacy



## Original Color

52.8940, 65.5405, 17.2048

## Protanomaly

50.6058, 21.6290, 6.8184

## Deuteranomaly

51.2627, 25.9545, 16.8947

## Tritanomaly

52.8677, 62.7993, 21.2656

# Monochromacy



## Original Color

52.8940, 65.5405, 17.2048

## Achromatopsia

49.2221, -2.6264, 2.6743

## Achromatomaly

48.3234, 20.6612, 5.9202

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.8940, 65.5405, 17.2048 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, 79, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 110)  
}
```

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, 79, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 110) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.8940, 65.5405, 17.2048 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, 79, 110) }
```



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

```
.border{ border-color:rgb(255, 79, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
110) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.8940, 65.5405, 17.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 110) }
```

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

```
.background{ background-color: rgb(255, 79,  
110) }
```

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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