

# Converting Colors

HunterLab(57.1983, 51.1511,  
21.2731)

Have a look what the booklet for  
HunterLab(57.1983, 51.1511,  
21.2731) contains.

<b>HunterLab(57.2161, 50.7861, 21.1530)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(57.2161, 50.7861,  
21.1530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC6D6D
RGB	252, 109, 109
RGB Percent	99%, 43%, 43%
CMY	0.0118, 0.5725, 0.5725
CMYK	0.00, 0.57, 0.57, 0.01
HSL	0°, 96%, 71%
HSV	0°, 57%, 99%
XYZ	48.3738, 32.7368, 18.2372
YIQ	151.7570, 85.2280, 30.3160

# Conversions

## Conversions Part 2

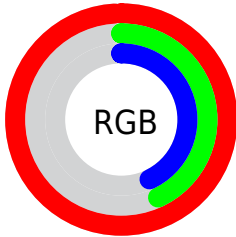
Format	Color
R <sub>Y</sub> B	252, 109, 109
Decimal	16543085
CIE Lab	63.95, 54.60, 27.60
CIE LCh	64, 61.176, 26.813
Yxy	32.7386, 0.4869, 0.3295
Android (android.graphics.Color)	4294733165 (0xFFFC6D6D)
YUV	151.7570, -21.0792, 87.9131
Hunter-Lab	57.2161, 50.7861, 21.1530

# Details

The HunterLab color **57.2161, 50.7861, 21.1530** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **89.3841, -39.2278, -6.6969**, and the grayscale version is **55.9962, -2.9878, 3.0424**.

A 20% lighter version of the original color is **71.2345, 28.5152, 16.3291**, and **37.1891, 46.9973, 16.6999** is the 20% darker color. If you saturate the color by 10%, you get **52.5771, 60.4015, 24.0428**, and if you desaturate by 10%, it is **62.8727, 40.4878, 18.1123**.

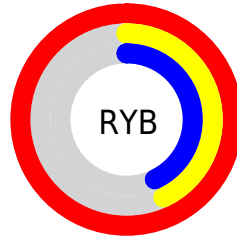
# Distribution



Red (99%)

Green (43%)

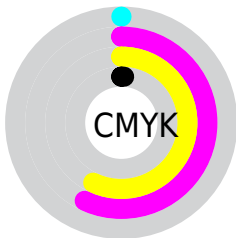
Blue (43%)



Red (99%)

Yellow (43%)

Blue (43%)

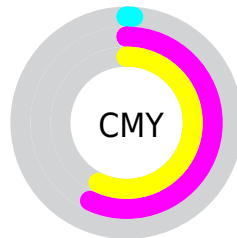


Cyan (0%)

Magenta (57%)

Yellow (57%)

Black (1%)



Cyan (1%)

Magenta (57%)


Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2161, 50.7861, 21.1530 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 57.2161, 50.7861, 21.1530 by changing the saturation by 10% instead.





 57.2161, 50.7861,  
21.1530


 57.2161, 50.7861,  
21.1530


177.3331, 62.9403,  
39.0467


 46.8255, 48.9456,  
18.9135


 79.9795, 54.1334,  
25.3979


 37.1520, 47.0078,  
16.5601


 92.2780, 55.6547,  
27.4353

 28.2553, 44.9924,  
14.0542


 105.1493, 57.0795,  
29.4321

 20.2100, 42.9719,  
11.3380

 118.5689, 58.4135,  
31.3966

 13.1184, 41.1682,  
9.1829

132.5154, 59.6618,  
33.3355

 6.6117, 45.4680,  
4.6282

146.9694, 60.8294,

0.0000, INF, NaN

35.2541

0.0000, NaN, NaN

161.9139, 61.9209,  
37.1567

0.0000, NaN, NaN

■ 57.2161, 50.7861,  
21.1530

■ 57.2161, 50.7861,  
21.1530

■ 52.5771, 60.4015,  
24.0428

■ 62.8727, 40.4878,  
18.1123

■ 49.0868, 68.5290,  
26.5143

■ 69.3892, 30.1005,  
15.1013

■ 46.8169, 74.3170,  
28.2897

■ 76.6250, 19.9482,  
12.2208

■ 45.7074, 77.3119,  
29.2127

■ 84.4597, 10.1760,  
9.5109

■ 45.4925, 77.9056,  
29.3961

■ 92.7960, 0.8201,  
6.9766

99.7173, -6.3206,  
5.0827

# Harmonies

## Analogous

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



57.2177, 58.2540, 0.3123



57.2161, 50.7861, 21.1530



57.2177, 28.0820, 30.8786

# Triad

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



57.2177, 50.7817, 21.1540



57.2177, -40.2132, 24.0245



57.2177, -5.9020, -70.9635

# Complementary

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



57.2161, 50.7861, 21.1530



89.3841, -39.2278, -6.6969

# 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.



57.2177, -28.6943, -55.2240



57.2161, 50.7861, 21.1530



57.2177, -46.0668, 5.7818

# Square

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



57.2177, 50.7817, 21.1540



57.2177, -24.5591, 31.9170



57.2177, -42.2728, -23.8074



57.2177, 22.1820, -60.4596



# Rectangle

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



57.2161, 50.7861, 21.1530



57.2177, 9.2223, 33.2874



57.2177, -42.2728, -23.8074



57.2177, -14.3791, -68.4404

# Sweetspot

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



57.2177, 50.7817, 21.1540



85.3869, 10.5709, 9.7102



62.1780, 72.5766, -48.2331



38.7464, 5.7971, 4.7416

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.2177, 50.7817, 21.1540



52.7626, 62.3928, 24.7236



73.9218, 13.8957, 34.1891



41.5035, 1.5360, 3.5123



32.8340, 56.2275, 21.2165



9.9927, 17.1109, 6.4570



# Inverse Universe

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



89.3841, -39.2278, -6.6969



89.7273, -43.1280, -7.9803



65.6691, -5.3792, -42.7781



44.2814, -5.8779, 1.2275



63.1846, -33.4951, -6.6689



19.2292, -10.1938, -2.0294



# Previews

## White Background



This preview shows how the HunterLab color 57.2161, 50.7861, 21.1530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

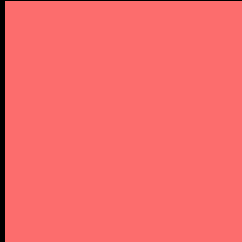
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.2161, 50.7861, 21.1530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

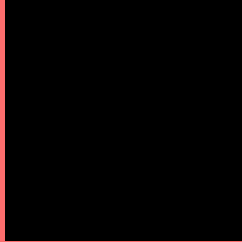
Any Text WCAG AA ✓ Pass

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 57.2161, 50.7861, 21.1530 Background



This preview shows how black text looks on a background with the HunterLab color 57.2161, 50.7861, 21.1530.



This preview shows how white text looks on a background with the HunterLab color 57.2161, 50.7861,



# 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

57.2161, 50.7861, 21.1530

### Protanopia

57.3761, -3.9854, 13.8235

### Deuteranopia

57.4622, 3.9379, 22.5066



## Tritanopia

57.1475, 51.7999, 19.2931

# Trichromacy



## Original Color

57.2161, 50.7861, 21.1530

## Protanomaly

55.9624, 14.8717, 15.2369

## Deuteranomaly

56.4969, 20.9970, 21.1554

## Tritanomaly

57.1076, 51.6197, 19.8733

# Monochromacy



## Original Color

57.2161, 50.7861, 21.1530

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

54.8427, 14.6452, 8.8689

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.2161, 50.7861, 21.1530 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, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(252, 109, 109)  
}
```

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, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 109, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.2161, 50.7861, 21.1530 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, 109, 109) }
```



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

```
.border{ border-color:rgb(252, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(252, 109,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.2161, 50.7861, 21.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 109, 109) }
```

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

```
.background{ background-color: rgb(252,  
109, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor