

# Converting Colors

HunterLab(57.2347, 43.6083,  
18.7856)

Have a look what the booklet for  
HunterLab(57.2347, 43.6083,  
18.7856) contains.

<b>HunterLab(57.3243, 43.3299, 18.9920)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(57.3243, 43.3299,  
18.9920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F27574
RGB	242, 117, 116
RGB Percent	95%, 46%, 45%
CMY	0.0510, 0.5411, 0.5451
CMYK	0.00, 0.52, 0.52, 0.05
HSL	0°, 83%, 70%
HSV	0°, 52%, 95%
XYZ	46.1316, 32.8608, 20.4343
YIQ	154.2610, 74.8210, 26.1890

# Conversions

## Conversions Part 2

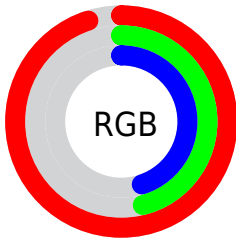
Format	Color
R <sub>Y</sub> B	242, 117, 116
Decimal	15889780
CIE Lab	64.05, 47.90, 23.51
CIE LCh	64, 53.357, 26.142
Yxy	32.8625, 0.4640, 0.3305
Android (android.graphics.Color)	4294079860 (0xFFFF27574)
YUV	154.2610, -18.8627, 76.9471
Hunter-Lab	57.3243, 43.3299, 18.9920

# Details

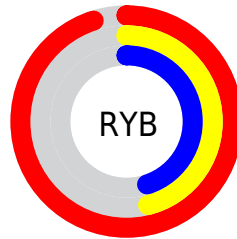
The HunterLab color **57.3243, 43.3299, 18.9920** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **85.4576, -35.3323, -6.2414**, and the grayscale version is **57.0059, -3.0417, 3.0972**.

A 20% lighter version of the original color is **73.2067, 25.6486, 15.5553**, and **37.2933, 39.7157, 14.9807** is the 20% darker color. If you saturate the color by 10%, you get **52.4169, 52.8474, 21.8229**, and if you desaturate by 10%, it is **63.1114, 33.4979, 16.0938**.

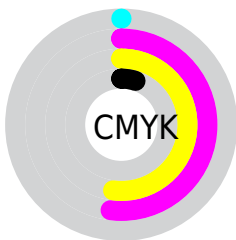
# Distribution



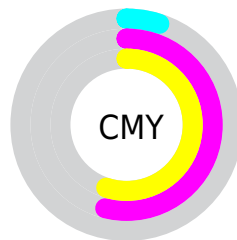
- Red (95%)
- Green (46%)
- Blue (45%)



- Red (95%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (54%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.3243, 43.3299, 18.9920 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 57.3243, 43.3299, 18.9920 by changing the saturation by 10% instead.



57.3243, 43.3299,  
18.9920

57.3243, 43.3299,  
18.9920

177.4908, 53.4976,  
35.0729

46.9267, 41.7127,  
17.0247

80.1004, 46.2204,  
22.7514

37.2457, 39.9850,  
14.9688

92.4048, 47.5136,  
24.5692

28.3408, 38.1515,  
12.7920

105.2818, 48.7128,  
26.3586

20.2865, 36.2513,  
10.4432

118.7068, 49.8243,  
28.1265

13.1846, 34.4213,  
9.0046

132.6585, 50.8537,  
29.8781

6.6955, 37.4072,  
4.6868

147.1175, 51.8060,

0.0000, INF, NaN

31.6176

0.0000, NaN, NaN

162.0668, 52.6859,  
33.3483

0.0000, NaN, NaN

■ 57.3243, 43.3299,  
18.9920

■ 57.3243, 43.3299,  
18.9920

■ 52.4169, 52.8474,  
21.8229

■ 63.1114, 33.4979,  
16.0938

■ 48.5234, 61.4084,  
24.3704

■ 69.6346, 23.7748,  
13.2585

■ 45.7497, 68.1978,  
26.3725


■ 76.7730, 14.3642,  
10.5533

■ 44.1141, 72.5342,  
27.6125

■ 84.4255, 5.3415,  
8.0005

■ 43.4961, 74.2404,  
28.1018

■ 92.5113, -3.2907,  
5.5982

 98.8014, -9.5307,  
3.9407

# Harmonies

## Analogous

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



57.3258, 49.2590, 0.1564



57.3243, 43.3299, 18.9920



57.3258, 24.3045, 28.5450

# Triad

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



57.3258, 43.3260, 18.9930



57.3258, -35.9248, 22.2529



57.3258, -6.0665, -58.3460

# Complementary

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



57.3243, 43.3299, 18.9920



85.4576, -35.3323, -6.2414

# 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.



57.3258, -26.0965, -45.1897



57.3243, 43.3299, 18.9920



57.3258, -41.4911, 5.9341

# Square

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



57.3258, 43.3260, 18.9930



57.3258, -21.6177, 29.8260



57.3258, -38.2038, -19.1945



57.3258, 18.2029, -50.3299



# Rectangle

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



57.3243, 43.3299, 18.9920



57.3258, 8.1507, 31.1080



57.3258, -38.2038, -19.1945



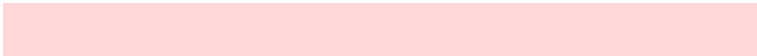
57.3258, -13.4738, -56.1502

# Sweetspot

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



57.3258, 43.3260, 18.9930



86.3048, 9.4281, 9.5488



61.4645, 63.4609, -42.0469



39.1526, 5.2764, 4.6765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.3258, 43.3260, 18.9930



55.5762, 56.1888, 23.1906



72.3729, 11.1949, 31.2555



39.7228, 1.4079, 3.3819



31.8949, 54.3644, 20.6052



9.2378, 15.5493, 5.9645



# Inverse Universe

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



85.4576, -35.3323, -6.2414



89.7064, -40.9250, -7.9692



65.0877, -5.9889, -36.5195



42.3155, -5.5638, 1.1467



60.7900, -31.9023, -7.1143



17.5534, -9.2251, -2.0258



# Previews

## White Background



This preview shows how the HunterLab color 57.3243, 43.3299, 18.9920 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 57.3243, 43.3299, 18.9920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

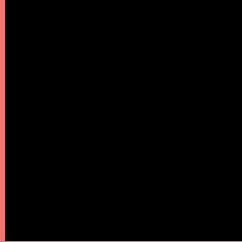
Any Text WCAG AA ✓ Pass

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 57.3243, 43.3299, 18.9920 Background



This preview shows how black text looks on a background with the HunterLab color 57.3243, 43.3299, 18.9920.



This preview shows how white text looks on a background with the HunterLab color 57.3243, 43.3299, 18.9920.



# 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

57.3243, 43.3299, 18.9920

### Protanopia

57.4025, -3.6559, 12.0112

### Deuteranopia

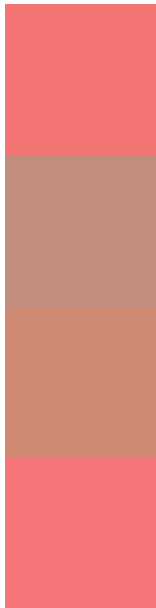
57.4081, 4.0844, 19.9142



## Tritanopia

57.4462, 45.0303, 16.5056

# Trichromacy



## Original Color

57.3243, 43.3299, 18.9920

## Protanomaly

56.3813, 12.4379, 13.8451

## Deuteranomaly

56.7498, 18.2621, 18.9666

## Tritanomaly

57.3811, 44.7280, 17.4501

# Monochromacy



## Original Color

57.3243, 43.3299, 18.9920

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

56.0199, 11.9209, 8.4687

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.3243, 43.3299, 18.9920 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(242, 117, 116)` looks like.

```
.text, #text, p{  
    color:rgb(242, 117, 116)  
}
```

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(242, 117, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 117, 116) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.3243, 43.3299, 18.9920 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(242, 117, 116) }
```



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

```
.border{ border-color:rgb(242, 117, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 117, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 117, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 117, 116);  
box-shadow:4px 4px 4px 4px rgb(242, 117,  
116) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.3243, 43.3299, 18.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 117, 116) }
```

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

```
.background{ background-color: rgb(242,  
117, 116) }
```

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