

Converting Colors

Hex(F45259)

Have a look what the booklet for
Hex(F45259) contains.

Hex(F45259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F45259)

Conversions

Conversions Part 1

Format	Color
Hex	F45259
RGB	244, 82, 89
RGB Percent	96%, 32%, 35%
CMY	0.0431, 0.6784, 0.6510
CMYK	0.00, 0.66, 0.64, 0.04
HSL	357°, 88%, 64%
HSV	357°, 66%, 96%
XYZ	42.1287, 25.9890, 12.2471
YIQ	131.2360, 94.3050, 36.5210

Conversions

Conversions Part 2

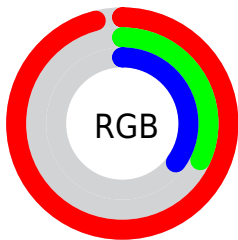
Format	Color
R_{YB}	244, 82, 89
Decimal	16011865
CIE _{Lab}	58.03, 62.15, 31.09
CIE _{LCh}	58, 69.489, 26.577
Yxy	25.9890, 0.5242, 0.3234
Android (android.graphics.Color)	4294201945 (0xFFFF45259)
YUV	131.2360, -20.8223, 98.8940
Hunter-Lab	50.9794, 58.2962, 21.4419

Details

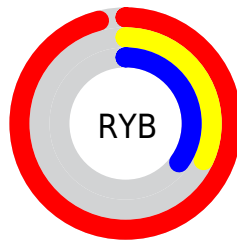
The Hex color **F45259** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **52F4ED**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF8B8B**, and **B5062B** is the 20% darker color. If you saturate the color by 10%, you get **F43A42**, and if you desaturate by 10%, it is **F46A70**.

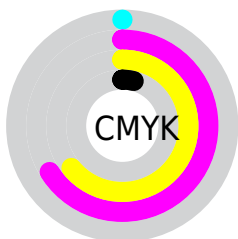
Distribution



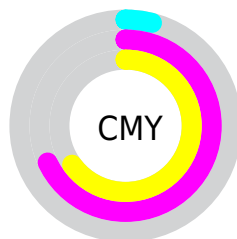
- Red (96%)
- Green (32%)
- Blue (35%)



- Red (96%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (66%)
- Yellow (64%)
- Black (4%)



- Cyan (4%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color F45259 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 Hex color F45259 by changing the saturation by 10% instead.

 F45259

 F45259

FFFFFF

 D43342

 FF8B8B

 B5062B

 FFA8A5

 960017

 FFC5C1

 770000

 FFE2DC

 580000

 FFFFF9

 3C0003

 170000

 000000

 F45259

 F45259

 F43A42

 F46A70

 F4212A

 F48388

 F40913

 F49B9F

 F4000B

 F4B4B6

 F4CCCE

 F4E4E5

 F4FDFC

 F4FFFF

Harmonies

Analogous

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



F24A95



F45259



DA6D21

Triad

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



F45259



00A244



0095FF

Complementary

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



F45259



52F4ED

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.



00A2F1



F45259



00A682

Square

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



F45259



739800



00A7C0



7A7EF9

Rectangle

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



F45259



BE7F00



00A7C0



009AFF

Sweetspot

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



F45259



FFCCCE



EC52F4



806162



000000



808080

Same Dimension

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



F45259



FF333C



F49B52



7A6E6F



BA0008



3B0003

Inverse Universe

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



F45259



FF333C



52ABF4



7A6E6F



BA0008



3B0003

Previews

White Background



This preview shows how the Hex color F45259 looks on a white background.

Color Contrast Check

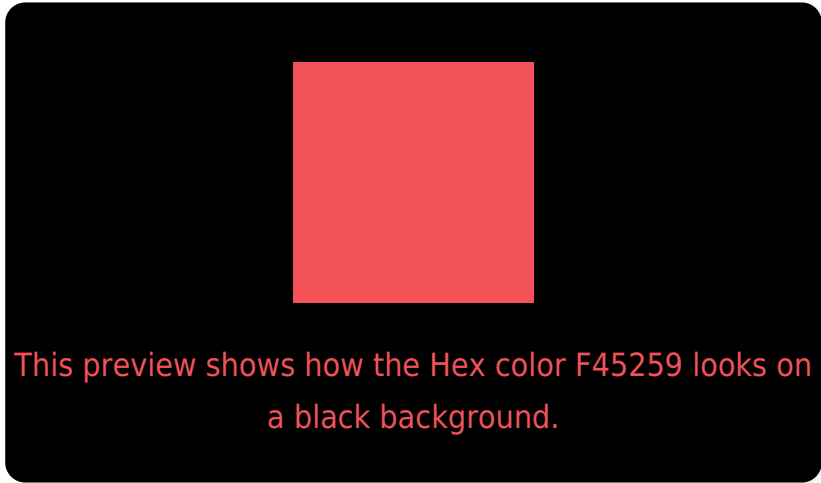
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Hex F45259 Background



This preview shows how black text looks on a background with the Hex color F45259.

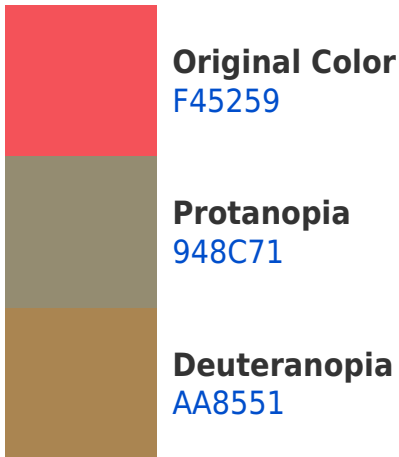


This preview shows how white text looks on a background with the Hex color F45259.

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](#).

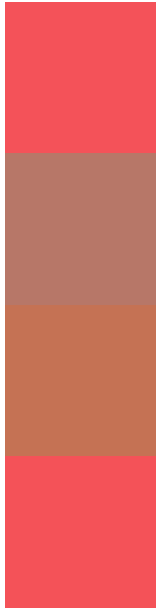
Dichromacy





Tritanopia
F45257

Trichromacy



Original Color
F45259

Protanomaly
B77768

Deuteranomaly
C57254

Tritanomaly
F45258

Monochromacy



Original Color
F45259

Achromatopsia
838383

Achromatomaly
AC7174

CSS Examples

Text

The CSS property to change the color of the text to Hex F45259 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 #F45259 looks like.

```
.text, #text, p{  
  color:#F45259  
}
```

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 #F45259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F45259
}
```

Border

The CSS property to change the border of an element to Hex F45259 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".

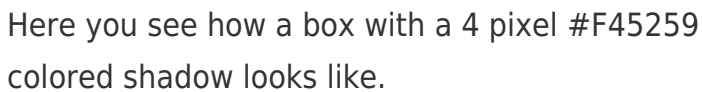
```
.border, #border, table{ border:4px solid
#F45259 }
```

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

```
.border{ border-color:#F45259 }
```

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

Here you see how a box with a 4 pixel #F45259 colored shadow looks like.

A rectangular box with a red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F45259; -webkit-box-shadow:4px 4px  
4px 4px #F45259; box-shadow:4px 4px 4px  
4px #F45259 }
```

Background

The CSS property to change the background color of an element to Hex F45259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F45259 }
```

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

```
.background{ background-color:#F45259 }
```

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