

# Converting Colors

Hex(F45656)

Have a look what the booklet for  
Hex(F45656) contains.

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**Color**

**Hex(F45656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F45656
RGB	244, 86, 86
RGB Percent	96%, 34%, 34%
CMY	0.0431, 0.6627, 0.6627
CMYK	0.00, 0.65, 0.65, 0.04
HSL	0°, 88%, 65%
HSV	0°, 65%, 96%
XYZ	42.3157, 26.5606, 11.7005
YIQ	133.2420, 94.1680, 33.4960

# Conversions

## Conversions Part 2

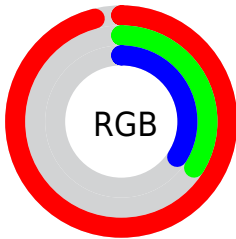
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 86, 86
Decimal	16012886
CIE <sub>Lab</sub>	58.57, 60.39, 33.48
CIE <sub>LCh</sub>	59, 69.046, 29.002
Yxy	26.5606, 0.5252, 0.3296
Android (android.graphics.Color)	4294202966 (0xFFFF45656)
YUV	133.2420, -23.2903, 97.1348
Hunter-Lab	51.5369, 56.3724, 22.6152

# Details

The Hex color **F45656** 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 **56F4F4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8F88**, and **B51229** is the 20% darker color. If you saturate the color by 10%, you get **F43E3E**, and if you desaturate by 10%, it is **F46E6E**.

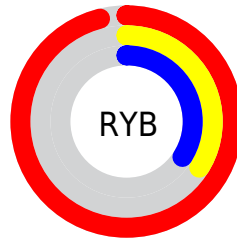
# Distribution



Red (96%)

Green (34%)

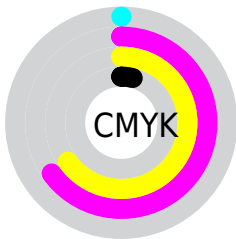
Blue (34%)



Red (96%)

Yellow (34%)

Blue (34%)

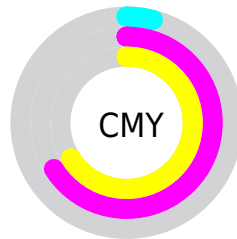


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (4%)



Cyan (4%)

Magenta (66%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F45656 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 F45656 by changing the saturation by 10% instead.



 F45656

 F45656

FFFFFF

 D4383F

 FF8F88

 B51229

 FFABA2

 960014

 FFC8BD

 770000

 FFE5D9

 580000

 FFFFF6

 3D0003

 170000

 000000

 F45656

 F45656

 F43E3E

 F46E6E

 F42525

 F48787

 F40D0D

 F49F9F

 F40000

 F4B8B8

 F4D0D0

 F4E8E8

 F4FFFF

# Harmonies

## Analogous

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



F54C92



F45656



D8711E

# Triad

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



F45656



00A44A



0095FF

# Complementary

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



F45656



56F4F4

# 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.



00A2F4



F45656



00A889

# Square

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



F45656



6F9A05



00A8C6



857EF8

# Rectangle

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



F45656



BB8200



00A8C6



009AFF



# Sweetspot

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



F45656



FFCFCF



F456F4



806262



000000



808080



# Same Dimension

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



F45656



FF3838



F4A556



7A6E6E



BA0000



3B0000



# Inverse Universe

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



56F4F4



38FFFF



56A5F4



6E7A7A



00BABA



003B3B



# Previews

## White Background



This preview shows how the Hex color F45656 looks on a white background.

## Color Contrast Check

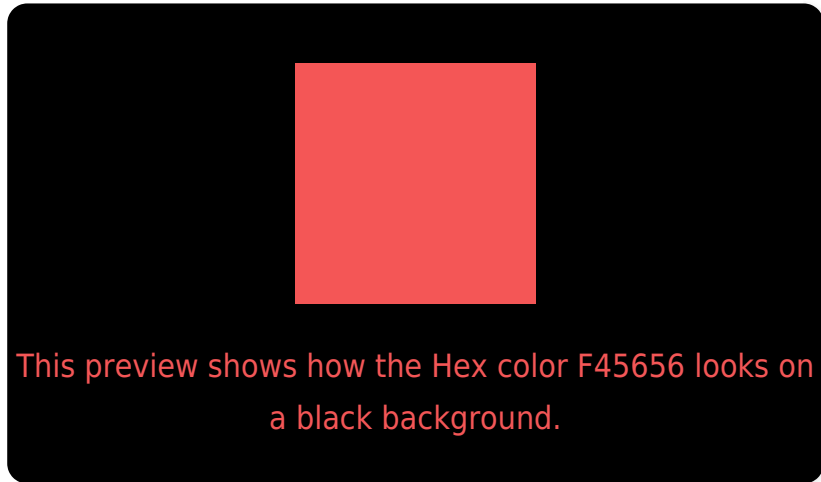
Large Text (above 18pt) WCAG AA ✓ Pass

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 F45656 Background



This preview shows how black text looks on a background with the Hex color F45656.



This preview shows how white text looks on a background with the Hex color F45656.

# 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**  
F4555A

# Trichromacy



**Original Color**  
F45656

**Protanomaly**  
B97964

**Deuteranomaly**  
C77551

**Tritanomaly**  
F45559

# Monochromacy



**Original Color**  
F45656

**Achromatopsia**  
858585

**Achromatomaly**  
AD7474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F45656 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 #F45656 looks like.

```
.text, #text, p{  
    color:#F45656  
}
```

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 #F45656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F45656
}
```

## Border

The CSS property to change the border of an element to Hex F45656 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
#F45656 }
```

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

```
.border{ border-color:#F45656 }
```

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

Here you see how a box with a 4 pixel #F45656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F45656; -webkit-box-shadow:4px 4px  
4px 4px #F45656; box-shadow:4px 4px 4px  
4px #F45656 }
```

# Background

The CSS property to change the background color of an element to Hex F45656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F45656 }
```

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

```
.background{ background-color:#F45656 }
```

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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