

# Converting Colors

Hex(F25F6A)

Have a look what the booklet for  
Hex(F25F6A) contains.

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# Color

**Hex(F25F6A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F25F6A                     |
| RGB           | 242, 95, 106               |
| RGB Percent   | 95%, 37%, 42%              |
| CMY           | 0.0510, 0.6275, 0.5843     |
| CMYK          | 0.00, 0.61, 0.56, 0.05     |
| HSL           | 356°, 85%, 66%             |
| HSV           | 356°, 61%, 95%             |
| XYZ           | 43.3117, 28.1023, 16.7772  |
| YIQ           | 140.2070, 84.0810, 34.5850 |

# Conversions

## Conversions Part 2

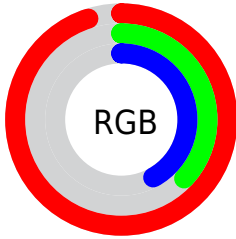
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 242, 95, 106                   |
| Decimal                             | 15884138                       |
| CIE <sub>Lab</sub>                  | 59.98, 57.26, 23.78            |
| CIE <sub>LCh</sub>                  | 60, 61.999, 22.554             |
| Yxy                                 | 28.1023, 0.4911,<br>0.3187     |
| Android<br>(android.graphics.Color) | 4294074218<br>(0xFFFF25F6A)    |
| YUV                                 | 140.2070, -16.8641,<br>89.2725 |
| Hunter-Lab                          | 53.0116, 53.0684,<br>18.3439   |

# Details

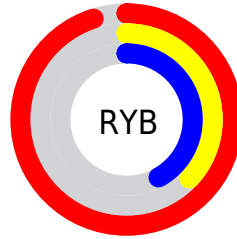
The Hex color **F25F6A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **5FF2E7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF979D**, and **B4233B** is the 20% darker color. If you saturate the color by 10%, you get **F24754**, and if you desaturate by 10%, it is **F27780**.

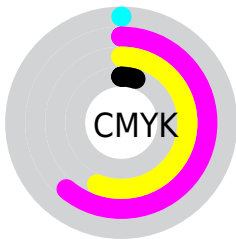
# Distribution



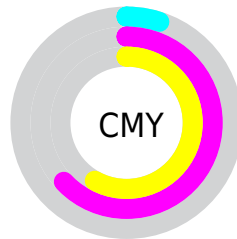
- Red (95%)
- Green (37%)
- Blue (42%)



- Red (95%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (56%)
- Black (5%)



- Cyan (5%)
- Magenta (63%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F25F6A 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 F25F6A by changing the saturation by 10% instead.



 F25F6A

 F25F6A

FFFFFF

 D34352

 FF979D

 B4233B

 FFB3B8

 960026

 FFD0D4

 780012

 FFEDF0

 5A0000

 3F0003

 1B0001

 000000

 F25F6A

 F25F6A

 F24754

 F27780

 F22F3D

 F28F97

 F21627

 F2A8AD

 F20012

 F2C0C4

 F2D8DA

 F2F0F0

 F2FFFF

# Harmonies

## Analogous

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



EC5DA1



F25F6A



DE733A

# Triad

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



F25F6A



3BA44A



009BFD

# Complementary

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



F25F6A



5FF2E7

# 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.



00A6E6



F25F6A



00A981

# Square

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



F25F6A



849A1D



00AAB9



7788F6

# Rectangle

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



F25F6A



C6821F



00AAB9



009FF9



# Sweetspot

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



F25F6A



FFD1D5



E65FF2



806366



000000



808080



# Same Dimension

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



F25F6A



FF4553



F29C5F



786C6D



B8000E



380004



# Inverse Universe

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



F25F6A



FF4553



5FB5F2



786C6D



B8000E



380004



# Previews

## White Background



This preview shows how the Hex color F25F6A 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 F25F6A Background



This preview shows how black text looks on a background with the Hex color F25F6A.



This preview shows how white text looks on a background with the Hex color F25F6A.

# 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**  
F25F6A

**Protanopia**  
979081

**Deuteranopia**  
AD8B63



**Tritanopia**  
F26066

# Trichromacy



**Original Color**  
F25F6A



**Protanomaly**  
B87E79



**Deuteranomaly**  
C67B66

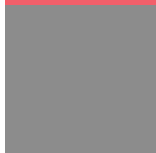


**Tritanomaly**  
F26067

# Monochromacy



**Original Color**  
F25F6A



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
B17C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F25F6A 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 #F25F6A looks like.

```
.text, #text, p{  
    color:#F25F6A  
}
```

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 #F25F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25F6A
}
```

## Border

The CSS property to change the border of an element to Hex F25F6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

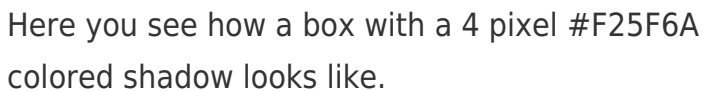
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F25F6A }
```

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

```
.border{ border-color:#F25F6A }
```

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



Here you see how a box with a 4 pixel #F25F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25F6A; -webkit-box-shadow:4px 4px  
4px 4px #F25F6A; box-shadow:4px 4px 4px  
4px #F25F6A }
```

# Background

The CSS property to change the background color of an element to Hex F25F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25F6A }
```

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

```
.background{ background-color:#F25F6A }
```

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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