

# Converting Colors

Hex(F25C40)

Have a look what the booklet for  
Hex(F25C40) contains.

<b>Hex(F25C40)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F25C40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F25C40
RGB	242, 92, 64
RGB Percent	95%, 36%, 25%
CMY	0.0510, 0.6392, 0.7490
CMYK	0.00, 0.62, 0.74, 0.05
HSL	9°, 87%, 60%
HSV	9°, 74%, 95%
XYZ	41.3705, 26.9017, 7.8626
YIQ	133.6580, 98.3880, 23.0920

# Conversions

## Conversions Part 2

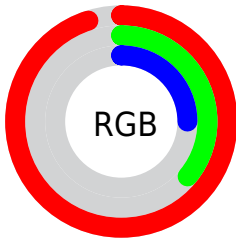
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 97, 64
Decimal	15883328
CIE Lab	58.88, 56.15, 45.82
CIE LCh	59, 72.478, 39.217
Yxy	26.9017, 0.5434, 0.3533
Android (android.graphics.Color)	4294073408 (0xFFFF25C40)
YUV	133.6580, -34.3414, 95.0159
Hunter-Lab	51.8669, 51.6098, 27.3189

# Details

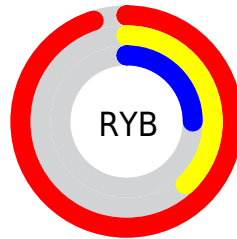
The Hex color **F25C40** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **40D6F2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9471**, and **B22011** is the 20% darker color. If you saturate the color by 10%, you get **F24828**, and if you desaturate by 10%, it is **F27058**.

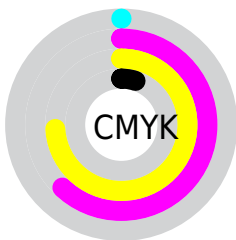
# Distribution



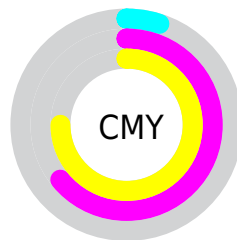
- Red (95%)
- Green (36%)
- Blue (25%)



- Red (95%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F25C40 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 F25C40 by changing the saturation by 10% instead.



 F25C40

 F25C40

FFFFFF

 D24029

 FF9471

 B22011

 FF808B

 930000

 FFCDA6

 740000

 FFEAC1

 560000

 FFFFDD

 3A0002

 FFFFFA

 130000

 000000

 F25C40

 F25C40

 F24828

 F27058

 F23310

 F28570

 F22600

 F29989

 F2AEA1

 F2C2B9

 F2D6D1

 F2EBE9

 F2FFFF

# Harmonies

## Analogous

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



FE467D



F25C40



CD7A00

# Triad

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



F25C40



00A75E



008FFF

# Complementary

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



F25C40



40D6F2

# 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.



00A1FF



F25C40



00AAA0

# Square

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



F25C40



52A019



00A9DD



A773F1

# Rectangle

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



F25C40



AC8A00



00A9DD



0096FF



# Sweetspot

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



F25C40



FFD0C7



F240D7



80645E



000000



808080



# Same Dimension

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



F25C40



FF421F



F2B440



786E6C



B81D00



380900

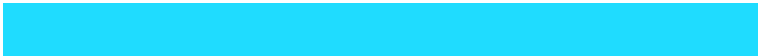


# Inverse Universe

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



40D6F2



1FDCFF



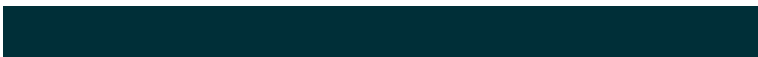
407EF2



6C7678



009BB8



002F38



# Previews

## White Background



This preview shows how the Hex color F25C40 looks on a white background.

## Color Contrast Check

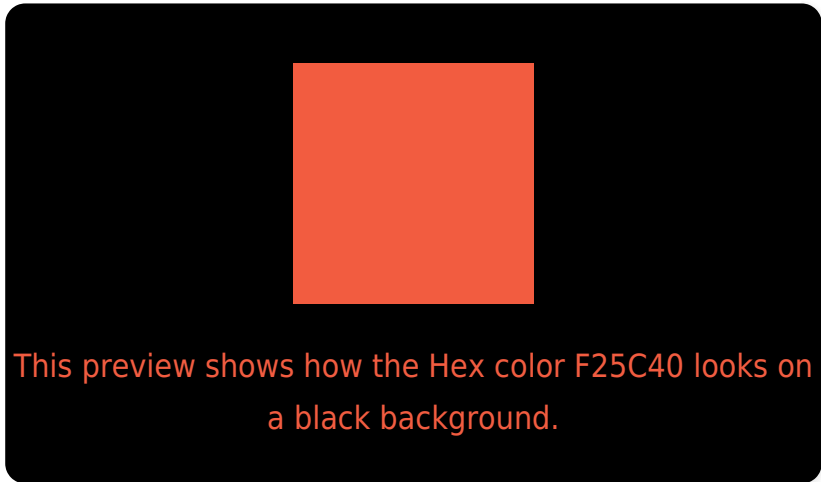
Large Text (above 18pt) WCAG AA ✓ Pass

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 F25C40 Background



This preview shows how black text looks on a background with the Hex color F25C40.

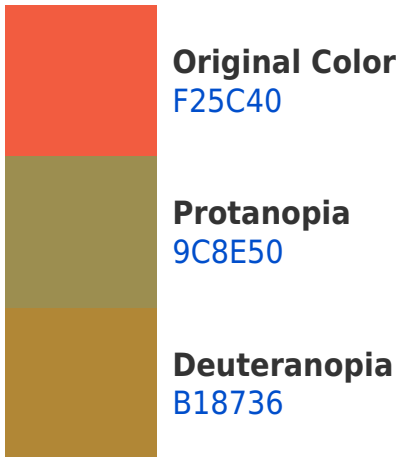


This preview shows how white text looks on a background with the Hex color F25C40.

# Color Blindness Simulation

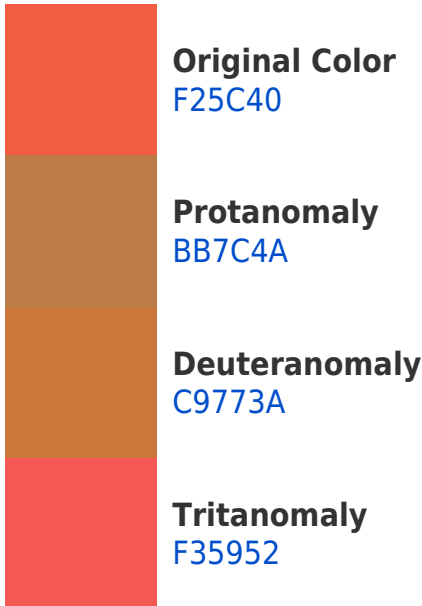
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

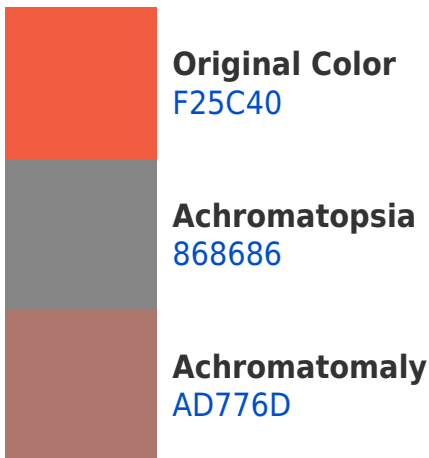




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F25C40 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 #F25C40 looks like.

```
.text, #text, p{  
    color:#F25C40  
}
```

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 #F25C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25C40
}
```

## Border

The CSS property to change the border of an element to Hex F25C40 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
#F25C40 }
```

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

```
.border{ border-color:#F25C40 }
```

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

Here you see how a box with a 4 pixel #F25C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25C40; -webkit-box-shadow:4px 4px  
4px 4px #F25C40; box-shadow:4px 4px 4px  
4px #F25C40 }
```

# Background

The CSS property to change the background color of an element to Hex F25C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25C40 }
```

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

```
.background{ background-color:#F25C40 }
```

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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