

Converting Colors

Hex(F25633)

Have a look what the booklet for
Hex(F25633) contains.

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Color

Hex(F25633)

Conversions

Conversions Part 1

Format	Color
Hex	F25633
RGB	242, 86, 51
RGB Percent	95%, 34%, 20%
CMY	0.0510, 0.6627, 0.8000
CMYK	0.00, 0.64, 0.79, 0.05
HSL	11°, 88%, 57%
HSV	11°, 79%, 95%
XYZ	40.5433, 25.7718, 5.9696
YIQ	128.6540, 104.2110, 22.1870

Conversions

Conversions Part 2

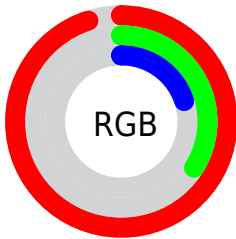
Format	Color
R_{YB}	242, 94, 51
Decimal	15881779
CIE _{Lab}	57.82, 58.19, 51.30
CIE _{LCh}	58, 77.575, 41.396
Yxy	25.7718, 0.5609, 0.3565
Android (android.graphics.Color)	4294071859 (0xFFFF25633)
YUV	128.6540, -38.2834, 99.4044
Hunter-Lab	50.7660, 53.7152, 28.5643

Details

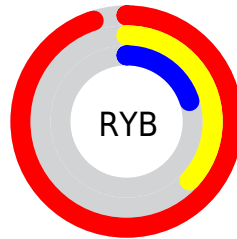
The Hex color **F25633** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33CFF2**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8E64**, and **B21501** is the 20% darker color. If you saturate the color by 10%, you get **F2421B**, and if you desaturate by 10%, it is **F26A4B**.

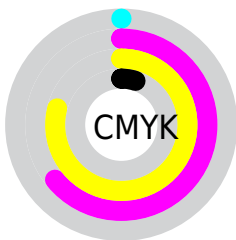
Distribution



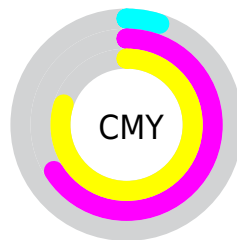
- Red (95%)
- Green (34%)
- Blue (20%)



- Red (95%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (79%)
- Black (5%)



- Cyan (5%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F25633 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 F25633 by changing the saturation by 10% instead.

 F25633

 F25633

FFFFFF

 D2391B

 FF8E64

 B21501

 FFAA7E

 920000

 FFC798

 730000

 FFE4B3

 540000

 FFFFCF

 390002

 FFFFEC

 0E0000

 000000

 F25633

 F25633

 F2421B

 F26A4B

 F22E03

 F27E63

 F22C00

 F2917C

 F2A594

 F2B9AC

 F2CDC4

 F2E0DC

 F2F4F5

 F2FFFF

Harmonies

Analogous

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



FF3874



F25633



C97800

Triad

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



F25633



00A65D



008BFF

Complementary

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



F25633



33CFF2

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.



009EFF



F25633



00A9A4

Square

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



F25633



3F9F0A



00A7E4



AC6BF2

Rectangle

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



F25633



A58900



00A7E4



0093FF

Sweetspot

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



F25633



FFCDC2



F233D2



80615B



000000



808080

Same Dimension

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



F25633



FF390D



F2B233



786E6C



B82200



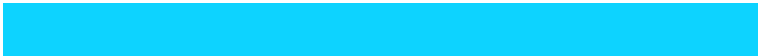
380A00

Inverse Universe

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



33CFF2



0DD3FF



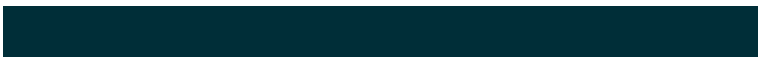
3373F2



6C7678



0096B8



002E38

Previews

White Background



This preview shows how the Hex color F25633 looks on a white background.

Color Contrast Check

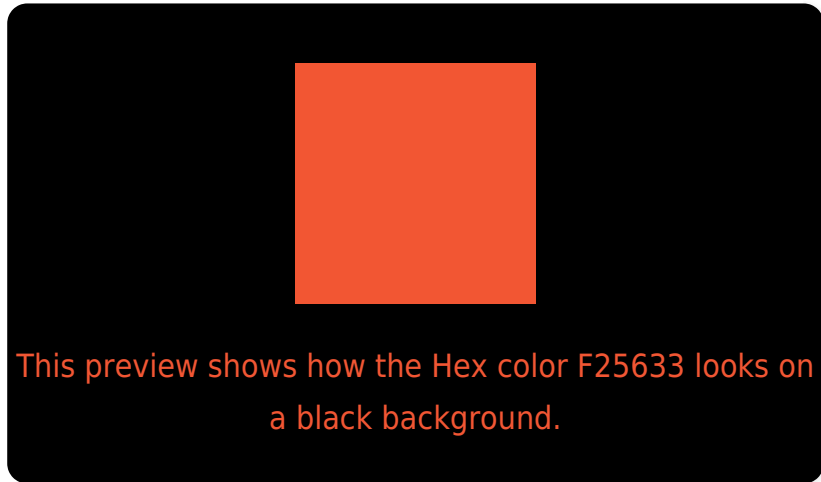
Large Text (above 18pt) WCAG AA ✓ Pass

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 F25633 Background



This preview shows how black text looks on a background with the Hex color F25633.



This preview shows how white text looks on a background with the Hex color F25633.

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](#).

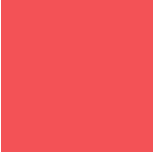
Dichromacy



Original Color
F25633

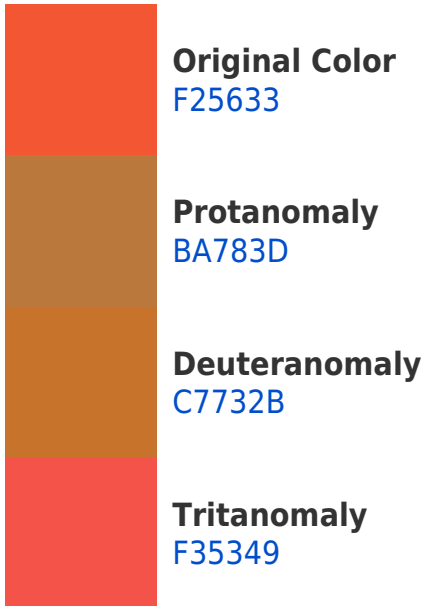
Protanopia
9A8B42

Deuteranopia
AF8426



Tritanopia
F35256

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F25633 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 #F25633 looks like.

```
.text, #text, p{  
    color:#F25633  
}
```

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 #F25633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25633
}
```

Border

The CSS property to change the border of an element to Hex F25633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

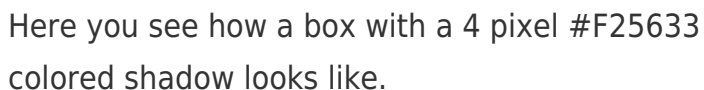
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F25633 }
```

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

```
.border{ border-color:#F25633 }
```

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



Here you see how a box with a 4 pixel #F25633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25633; -webkit-box-shadow:4px 4px  
4px 4px #F25633; box-shadow:4px 4px 4px  
4px #F25633 }
```

Background

The CSS property to change the background color of an element to Hex F25633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25633 }
```

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

```
.background{ background-color:#F25633 }
```

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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