

# Converting Colors

Hex(F25531)

Have a look what the booklet for  
Hex(F25531) contains.

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**Color**

**Hex(F25531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F25531
RGB	242, 85, 49
RGB Percent	95%, 33%, 19%
CMY	0.0510, 0.6667, 0.8078
CMYK	0.00, 0.65, 0.80, 0.05
HSL	11°, 88%, 57%
HSV	11°, 80%, 95%
XYZ	40.4208, 25.5960, 5.7158
YIQ	127.8390, 105.1280, 22.0880

# Conversions

## Conversions Part 2

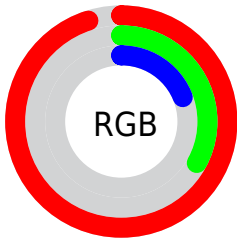
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 93, 49
Decimal	15881521
CIE <sub>Lab</sub>	57.65, 58.54, 52.10
CIE <sub>LCh</sub>	58, 78.366, 41.668
Yxy	25.5960, 0.5635, 0.3568
Android (android.graphics.Color)	4294071601 (0xFFFF25531)
YUV	127.8390, -38.8676, 100.1192
Hunter-Lab	50.5925, 54.0756, 28.7163

# Details

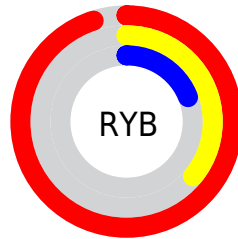
The Hex color **F25531** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **31CEF2**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8D62**, and **B21300** is the 20% darker color. If you saturate the color by 10%, you get **F24119**, and if you desaturate by 10%, it is **F26949**.

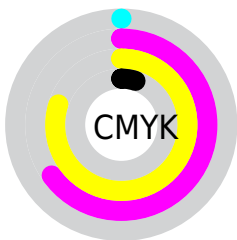
# Distribution



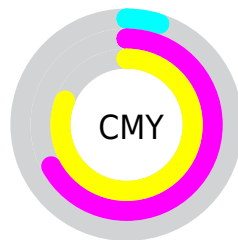
- Red (95%)
- Green (33%)
- Blue (19%)



- Red (95%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (67%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F25531 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 F25531 by changing the saturation by 10% instead.



 F25531

 F25531

FFFFFF

 D23819

 FF8D62

 B21300

 FFA97C

 920000

 FFC696

 730000

 FFE3B1

 540000

 FFFFCD

 380002

 FFFFEA

 0D0000

 000000

 F25531

 F25531

 F24119

 F26949

 F22E01

 F27C61

 F22D00

 F2907A

 F2A492

 F2B7AA

 F2CBC2

 F2DFDA

 F2F2F3

 F2FFFF

# Harmonies

## Analogous

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



FF3673



F25531



C97700

# Triad

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



F25531



00A65C



008AFF

# Complementary

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



F25531



31CEF2

# 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



F25531



00A8A4

# Square

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



F25531



3C9E06



00A7E5



AD6AF2

# Rectangle

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



F25531



A48900



00A7E5



0092FF



# Sweetspot

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



F25531



FFCDC2



F231CF



80615B



000000



808080



# Same Dimension

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



F25531



FF380A



F2B531



786E6C



B82200



380A00



# Inverse Universe

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



31CEF2



0AD1FF



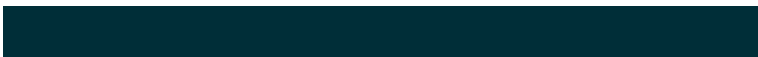
316EF2



6C7678



0095B8



002E38



# Previews

## White Background



This preview shows how the Hex color F25531 looks on a white background.

## Color Contrast Check

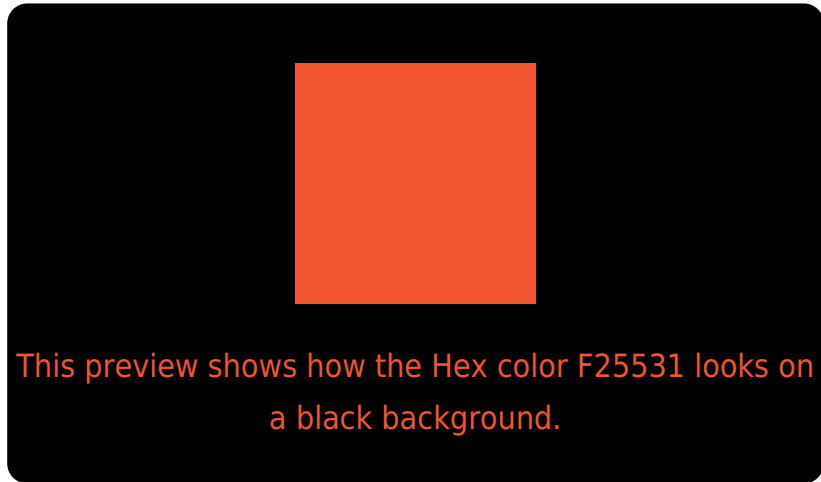
Large Text (above 18pt) WCAG AA ✓ Pass

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 F25531 Background



This preview shows how black text looks on a background with the Hex color F25531.



This preview shows how white text looks on a background with the Hex color F25531.

# 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



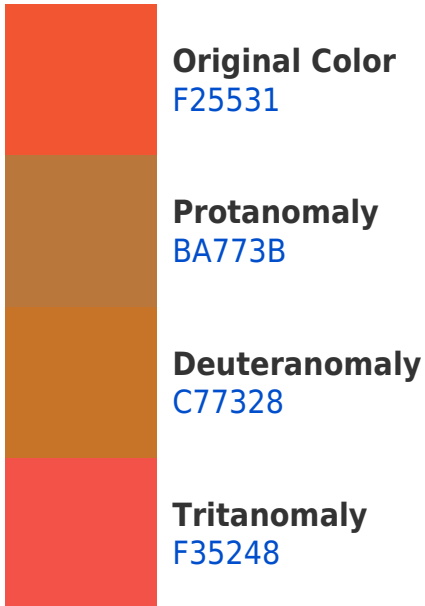
**Original Color**  
F25531

**Protanopia**  
9A8B40

**Deuteranopia**  
AF8423



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F25531 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 #F25531 looks like.

```
.text, #text, p{  
    color:#F25531  
}
```

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 #F25531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25531
}
```

## Border

The CSS property to change the border of an element to Hex F25531 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
#F25531 }
```

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

```
.border{ border-color:#F25531 }
```

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

Here you see how a box with a 4 pixel #F25531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25531; -webkit-box-shadow:4px 4px  
4px 4px #F25531; box-shadow:4px 4px 4px  
4px #F25531 }
```

# Background

The CSS property to change the background color of an element to Hex F25531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25531 }
```

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

```
.background{ background-color:#F25531 }
```

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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