

# Converting Colors

Hex(F65E36)

Have a look what the booklet for  
Hex(F65E36) contains.

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**Color**

**Hex(F65E36)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F65E36                      |
| RGB         | 246, 94, 54                 |
| RGB Percent | 96%, 37%, 21%               |
| CMY         | 0.0353, 0.6314, 0.7882      |
| CMYK        | 0.00, 0.62, 0.78, 0.04      |
| HSL         | 13°, 91%, 59%               |
| HSV         | 13°, 78%, 96%               |
| XYZ         | 42.6746, 27.8646, 6.6192    |
| YIQ         | 134.8880, 103.4320, 19.7840 |

# Conversions

## Conversions Part 2

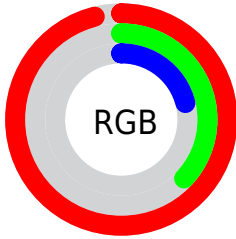
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 246, 105, 54                   |
| Decimal                             | 16145974                       |
| CIELab                              | 59.77, 56.29, 51.99            |
| CIElCh                              | 60, 76.625, 42.728             |
| Yxy                                 | 27.8646, 0.5531,<br>0.3611     |
| Android<br>(android.graphics.Color) | 4294336054<br>(0xFFFF65E36)    |
| YUV                                 | 134.8880, -39.8778,<br>97.4452 |
| Hunter-Lab                          | 52.7869, 51.9279,<br>29.5162   |

# Details

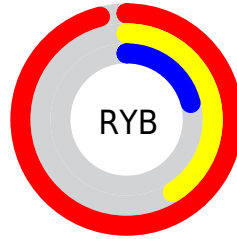
The Hex color **F65E36** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **36CEF6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9668**, and **B62303** is the 20% darker color. If you saturate the color by 10%, you get **F64B1D**, and if you desaturate by 10%, it is **F6714F**.

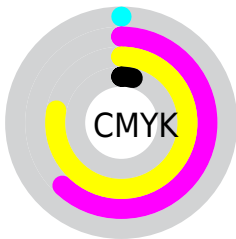
# Distribution



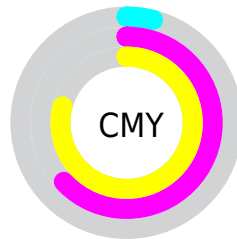
- Red (96%)
- Green (37%)
- Blue (21%)



- Red (96%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (62%)
- Yellow (78%)
- Black (4%)



- Cyan (4%)
- Magenta (63%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F65E36 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 F65E36 by changing the saturation by 10% instead.



 F65E36

 F65E36

FFFFFF

 D6421E

 FF9668

 B62303

 FF8281

 970000

 FFCF9C

 770000

 FFE0B7

 580000

 FFFF00

 3D0003

 FFFFF0

 190001

 000000

 F65E36

 F65E36

 F64B1D

 F6714F

 F63705

 F68567

 F63300

 F69880

 F6AC98

 F6BFB1

 F6D3CA

 F6E6E2

 F6FAFB

 F6FFFF

# Harmonies

## Analogous

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



FF4276



F65E36



CD7E00

# Triad

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



F6E36



00AC65



008FFF

# Complementary

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



F65E36



36CEF6

# 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.



00A3FF



F6E36



00AEAC

# Square

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



F6E36



42A41B



00ACEB



B66FF4

# Rectangle

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



F65E36



A88F00



00ACEB



0097FF



# Sweetspot

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



F65E36



FFD1C4



F636D0



80635C



000000



808080



# Same Dimension

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



F65E36



FF410F



F6BC36



7A716E



BA2700



3B0C00

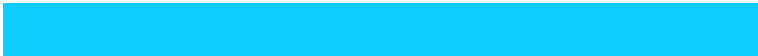


# Inverse Universe

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



36CEF6



0FCDF6



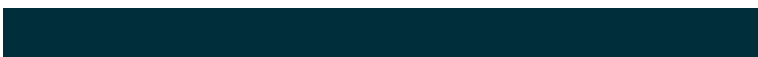
3670F6



6E787A



0093BA



002E3B



# Previews

## White Background



This preview shows how the Hex color F65E36 looks on a white background.

## Color Contrast Check

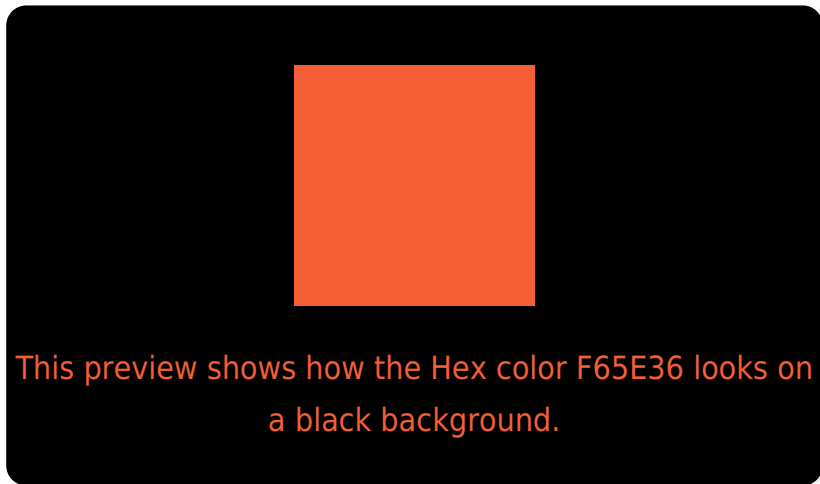
Large Text (above 18pt) WCAG AA ✓ Pass

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 F65E36 Background



This preview shows how black text looks on a background with the Hex color F65E36.



This preview shows how white text looks on a background with the Hex color F65E36.

# 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**  
F65E36

**Protanopia**  
A09145

**Deuteranopia**  
B5892A



**Tritanopia**  
F8595F

# Trichromacy



**Original Color**  
F65E36

**Protanomaly**  
BF7E40

**Deuteranomaly**  
CD792E

**Tritanomaly**  
F75B50

# Monochromacy



**Original Color**  
F65E36

**Achromatopsia**  
878787

**Achromatomaly**  
AF786A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F65E36 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 #F65E36 looks like.

```
.text, #text, p{  
    color:#F65E36  
}
```

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 #F65E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F65E36
}
```

## Border

The CSS property to change the border of an element to Hex F65E36 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
#F65E36 }
```

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

```
.border{ border-color:#F65E36 }
```

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

Here you see how a box with a 4 pixel #F65E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F65E36; -webkit-box-shadow:4px 4px  
4px 4px #F65E36; box-shadow:4px 4px 4px  
4px #F65E36 }
```

# Background

The CSS property to change the background color of an element to Hex F65E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F65E36 }
```

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

```
.background{ background-color:#F65E36 }
```

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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