

# Converting Colors

Hex(F85D34)

Have a look what the booklet for  
Hex(F85D34) contains.

<b>Hex(F85D34)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F85D34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F85D34
RGB	248, 93, 52
RGB Percent	97%, 36%, 20%
CMY	0.0275, 0.6353, 0.7961
CMYK	0.00, 0.62, 0.79, 0.03
HSL	13°, 93%, 59%
HSV	13°, 79%, 97%
XYZ	43.2456, 28.0331, 6.3804
YIQ	134.6710, 105.5410, 20.1090

# Conversions

## Conversions Part 2

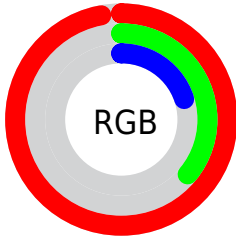
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 104, 52
Decimal	16276788
CIE Lab	59.92, 57.33, 53.21
CIE LCh	60, 78.219, 42.866
Yxy	28.0331, 0.5569, 0.3610
Android (android.graphics.Color)	4294466868 (0xFFFF85D34)
YUV	134.6710, -40.7568, 99.3895
Hunter-Lab	52.9463, 53.1396, 29.9175

# Details

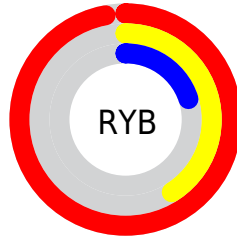
The Hex color **F85D34** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **34CFF8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9566**, and **B82100** is the 20% darker color. If you saturate the color by 10%, you get **F8491B**, and if you desaturate by 10%, it is **F8714D**.

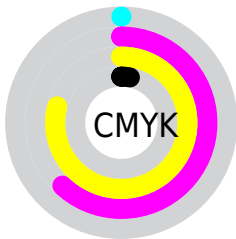
# Distribution



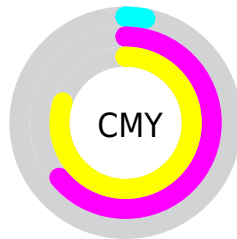
- Red (97%)
- Green (36%)
- Blue (20%)



- Red (97%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (79%)
- Black (3%)



- Cyan (3%)
- Magenta (64%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F85D34 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 F85D34 by changing the saturation by 10% instead.



 F85D34

 F85D34

FFFFFF

 D8411B

 FF9566

 B82100

 FFB17F

 980000

 FFCE9A

 790000

 FFEBB5

 5A0000

 FFFFD1

 3F0003

 FFFFEE

 1B0001

 000000

 F85D34

 F85D34

 F8491B

 F8714D

 F83602

 F88466

 F83400

 F8987E

 F8AB97

 F8BFB0

 F8D3C9

 F8E6E2

 F8FAFA

 F8FFFF

# Harmonies

## Analogous

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



FF3F76



F85D34



CE7E00

# Triad

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



F85D34



00AC65



008FFF

# Complementary

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



F85D34



34CFF8

# 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



F85D34



00AFAD

# Square

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



F85D34



3FA517



00ADED



B76FF6

# Rectangle

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



F85D34



A89000



00ADED



0097FF



# Sweetspot

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



F85D34



FFCFC2



F834D1



80625B



000000



808080



# Same Dimension

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



F85D34



FF3F0D



F8BD34



7D7370



BD2700



3D0D00

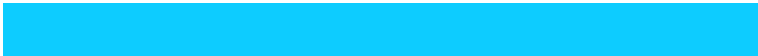


# Inverse Universe

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



34CFF8



0DCCFF



346FF8



707A7D



0095BD



00303D



# Previews

## White Background



This preview shows how the Hex color F85D34 looks on a white background.

## Color Contrast Check

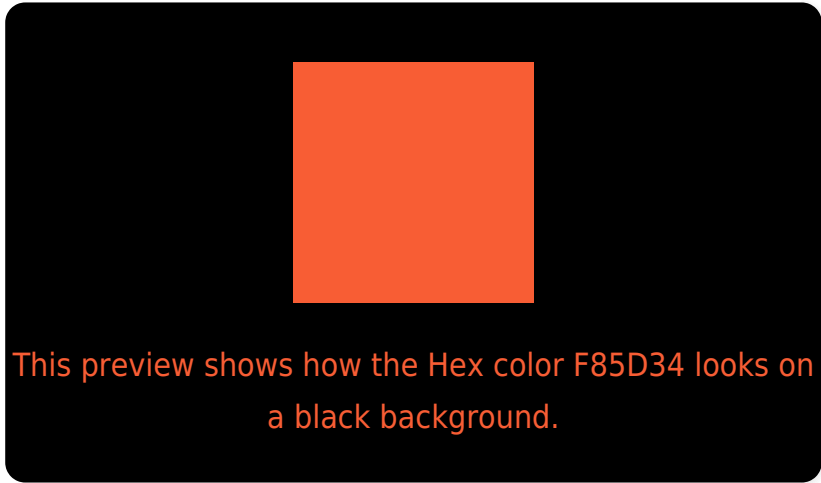
Large Text (above 18pt) WCAG AA ✓ Pass

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 F85D34 Background



This preview shows how black text looks on a background with the Hex color F85D34.



This preview shows how white text looks on a background with the Hex color F85D34.

# 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**  
F85D34

**Protanopia**  
A19143

**Deuteranopia**  
B68927



**Tritanopia**  
F9585D

# Trichromacy



**Original Color**  
F85D34

**Protanomaly**  
C17E3E

**Deuteranomaly**  
CE792C

**Tritanomaly**  
F95A4E

# Monochromacy



**Original Color**  
F85D34

**Achromatopsia**  
878787

**Achromatomaly**  
B07869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F85D34 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 #F85D34 looks like.

```
.text, #text, p{  
  color:#F85D34  
}
```

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 #F85D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F85D34
}
```

## Border

The CSS property to change the border of an element to Hex F85D34 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
#F85D34 }
```

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

```
.border{ border-color:#F85D34 }
```

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

Here you see how a box with a 4 pixel #F85D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F85D34; -webkit-box-shadow:4px 4px  
4px 4px #F85D34; box-shadow:4px 4px 4px  
4px #F85D34 }
```

# Background

The CSS property to change the background color of an element to Hex F85D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F85D34 }
```

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

```
.background{ background-color:#F85D34 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor