

# Converting Colors

Hex(F34915)

Have a look what the booklet for  
Hex(F34915) contains.

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**Color**

**Hex(F34915)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F34915
RGB	243, 73, 21
RGB Percent	95%, 29%, 8%
CMY	0.0471, 0.7137, 0.9176
CMYK	0.00, 0.70, 0.91, 0.05
HSL	14°, 90%, 52%
HSV	14°, 91%, 95%
XYZ	39.4800, 23.8739, 3.2368
YIQ	117.9020, 118.0120, 19.8680

# Conversions

## Conversions Part 2

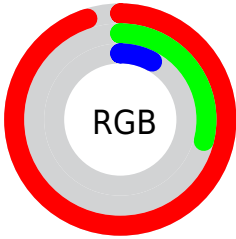
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 89, 21
Decimal	15943957
CIE Lab	55.96, 62.89, 62.12
CIE LCh	56, 88.391, 44.647
Yxy	23.8739, 0.5929, 0.3585
Android (android.graphics.Color)	4294134037 (0xFFFF34915)
YUV	117.9020, -47.7727, 109.7109
Hunter-Lab	48.8609, 58.7228, 30.2750

# Details

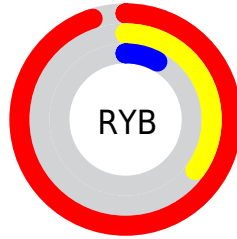
The Hex color **F34915** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **15BFF3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF834A**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F33900**, and if you desaturate by 10%, it is **F35C2D**.

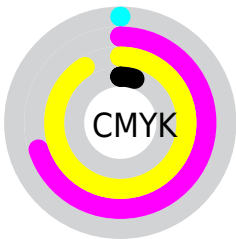
# Distribution



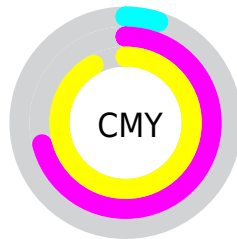
- Red (95%)
- Green (29%)
- Blue (8%)



- Red (95%)
- Yellow (35%)
- Blue (8%)



- Cyan (0%)
- Magenta (70%)
- Yellow (91%)
- Black (5%)



- Cyan (5%)
- Magenta (71%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F34915 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 F34915 by changing the saturation by 10% instead.



 F34915

 F34915

FFFFFF

 D22900

 FF834A

 B20000

 FF9F64

 910000

 FFBC7E

 720000

 FFD999

 530001

 FFF7B4

 360002

 FFFFD0

 060000

 FFFFD0

 000000

 F34915

 F34915

 F33900

 F35C2D

 F36E46

 F3815E

 F39376

 F3A68E

 F3B9A7

 F3CBBF

 F3DED7

 F3F0F0

# Harmonies

## Analogous

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



FF0065



F34915



C37400

# Triad

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



F34915



00A45A



0084FF

# Complementary

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



F34915



15BFF3

# 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.



009BFF



F34915



00A6AB

# Square

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



F34915



009D00



00A4F2



B55BF5

# Rectangle

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



F34915



988700



00A4F2



008DFF



# Sweetspot

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



F34915



FFCABA



F315BF



806057



000000



808080



# Same Dimension

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



F34915



FF3C00



F3B815



7A716E



BA2C00



3B0E00



# Inverse Universe

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



15BFF3



00C3FF



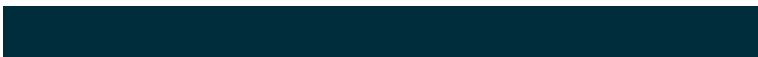
1550F3



6E787A



008FBA



002D3B



# Previews

## White Background



This preview shows how the Hex color F34915 looks on a white background.

## Color Contrast Check

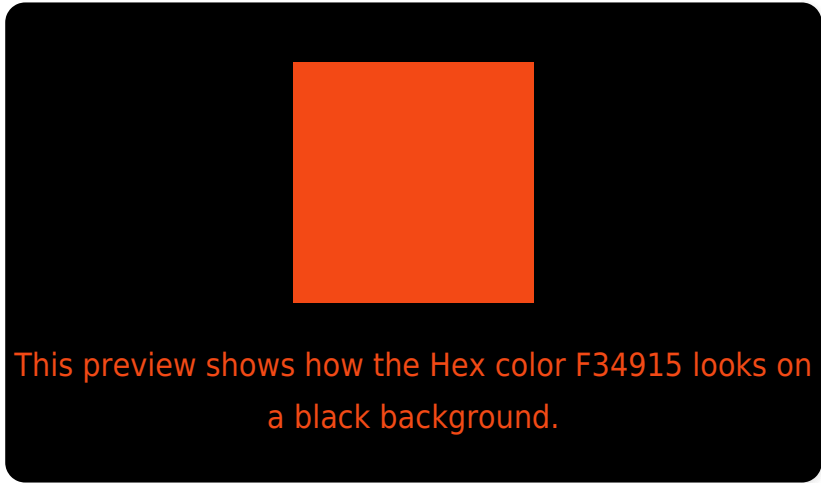
Large Text (above 18pt) WCAG AA ✓ Pass

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 F34915 Background



This preview shows how black text looks on a background with the Hex color F34915.



This preview shows how white text looks on a background with the Hex color F34915.

# 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**  
F34915

**Protanopia**  
978724

**Deuteranopia**  
AA8000



**Tritanopia**  
F44447

# Trichromacy



**Original Color**  
F34915

**Protanomaly**  
B8701F

**Deuteranomaly**  
C56C08

**Tritanomaly**  
F44635

# Monochromacy



**Original Color**  
F34915

**Achromatopsia**  
767676

**Achromatomaly**  
A36653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F34915 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 #F34915 looks like.

```
.text, #text, p{  
    color:#F34915  
}
```

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 #F34915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F34915
}
```

## Border

The CSS property to change the border of an element to Hex F34915 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".

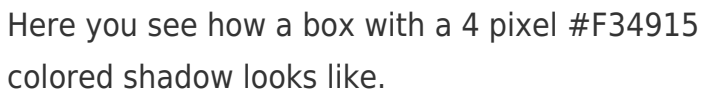
```
.border, #border, table{ border:4px solid
#F34915 }
```

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

```
.border{ border-color:#F34915 }
```

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

Here you see how a box with a 4 pixel #F34915 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F34915; -webkit-box-shadow:4px 4px  
4px 4px #F34915; box-shadow:4px 4px 4px  
4px #F34915 }
```

# Background

The CSS property to change the background color of an element to Hex F34915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F34915 }
```

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

```
.background{ background-color:#F34915 }
```

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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