

# Converting Colors

Hex(FF3612)

Have a look what the booklet for  
Hex(FF3612) contains.

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**Color**

**Hex(F3612)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3612
RGB	255, 54, 18
RGB Percent	100%, 21%, 7%
CMY	0.0000, 0.7882, 0.9294
CMYK	0.00, 0.79, 0.93, 0.00
HSL	9°, 100%, 54%
HSV	9°, 93%, 100%
XYZ	42.6683, 23.9420, 2.9447
YIQ	109.9950, 131.3520, 31.4160

# Conversions

## Conversions Part 2

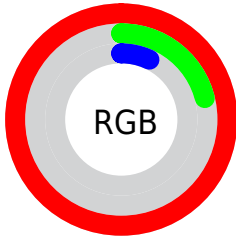
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 60, 18
Decimal	16725522
CIE Lab	56.03, 72.37, 64.16
CIE LCh	56, 96.717, 41.555
Yxy	23.9420, 0.6134, 0.3442
Android (android.graphics.Color)	4294915602 (0xFFFF3612)
YUV	109.9950, -45.3535, 127.1694
Hunter-Lab	48.9306, 70.0268, 30.6833

# Details

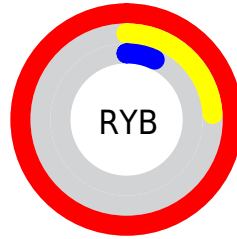
The Hex color **FF3612** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **12DBFF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7647**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2700**, and if you desaturate by 10%, it is **FF4C2C**.

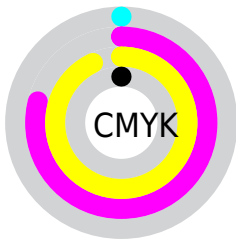
# Distribution



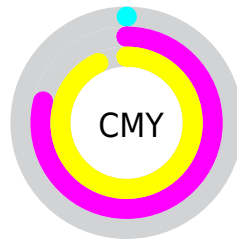
- Red (100%)
- Green (21%)
- Blue (7%)



- Red (100%)
- Yellow (24%)
- Blue (7%)



- Cyan (0%)
- Magenta (79%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (79%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3612 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 FF3612 by changing the saturation by 10% instead.



 FF3612

 FF3612

FFFFFF

 DD0000

 FF7647

 BC0000

 FF9461

 9B0000

 FFB17B

 7B0000

 FFCF96

 5B0002

 FFEDB1

 3D0003

 FFFFCD

 190001

 FFFFEA

 000000

 FF3612

 FF3612

■ FF2700

■ FF4C2C

■ FF6145

■ FF775F

■ FF8D78

■ FFA292

■ FFB8AB

■ FFCDC5

■ FFE3DE

■ FFF9F8

# Harmonies

## Analogous

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



FF006A



FF3612



CD6E00

# Triad

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



FF3612



00A54D



0087FF

# Complementary

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



FF3612



12DBFF

# 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.



009FFF



FF3612



00A8A6

# Square

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



FF3612



009E00



00A7F6



AC5BFF

# Rectangle

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



FF3612



A08500



00A7F6



0091FF



# Sweetspot

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



FF3612



FFC2B8



FF12DB



805B54



000000



808080



# Same Dimension

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



FF3612



FF2700



FFAC12



807573



BF1D00



400A00

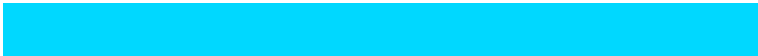


# Inverse Universe

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



12DBFF



00D8FF



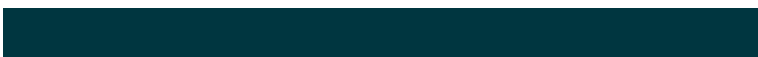
1265FF



737E80



00A2BF



003640



# Previews

## White Background



This preview shows how the Hex color FF3612 looks on a white background.

## Color Contrast Check

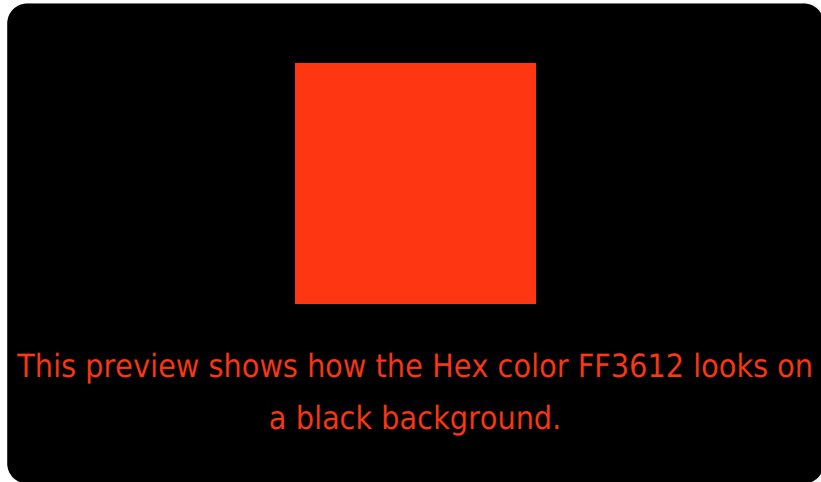
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3612 Background



This preview shows how black text looks on a background with the Hex color FF3612.



This preview shows how white text looks on a background with the Hex color FF3612.

# 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**  
FF3612

**Protanopia**  
978726

**Deuteranopia**  
AA8000



**Tritanopia**  
FF3434

# Trichromacy



**Original Color**  
FF3612

**Protanomaly**  
BD6A1F

**Deuteranomaly**  
C96507

**Tritanomaly**  
FF3528

# Monochromacy



**Original Color**  
FF3612

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
A35A4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3612 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 #FF3612 looks like.

```
.text, #text, p{  
    color:#FF3612  
}
```

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 #FF3612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3612
}
```

## Border

The CSS property to change the border of an element to Hex FF3612 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
#FF3612 }
```

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

```
.border{ border-color:#FF3612 }
```

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

Here you see how a box with a 4 pixel #FF3612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3612; -webkit-box-shadow:4px 4px  
4px 4px #FF3612; box-shadow:4px 4px 4px  
4px #FF3612 }
```

# Background

The CSS property to change the background color of an element to Hex FF3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3612 }
```

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

```
.background{ background-color:#FF3612 }
```

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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