

# Converting Colors

Hex(FF3A27)

Have a look what the booklet for  
Hex(FF3A27) contains.

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**Color**

**Hex(F3A27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3A27
RGB	255, 58, 39
RGB Percent	100%, 23%, 15%
CMY	0.0000, 0.7725, 0.8471
CMYK	0.00, 0.77, 0.85, 0.00
HSL	5°, 100%, 58%
HSV	5°, 85%, 100%
XYZ	43.1193, 24.4326, 4.3628
YIQ	114.7370, 123.5110, 35.8550

# Conversions

## Conversions Part 2

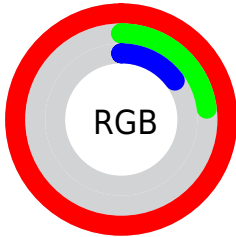
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 60, 39
Decimal	16726567
CIE <sub>Lab</sub>	56.52, 71.61, 56.59
CIE <sub>LCh</sub>	57, 91.275, 38.318
Yxy	24.4326, 0.5996, 0.3397
Android (android.graphics.Color)	4294916647 (0xFFFF3A27)
YUV	114.7370, -37.3383, 123.0107
Hunter-Lab	49.4293, 69.2116, 29.3674

# Details

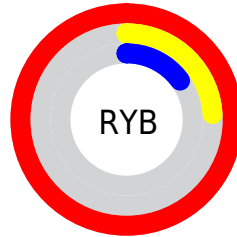
The Hex color **FF3A27** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **27ECFF**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7958**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF230E**, and if you desaturate by 10%, it is **FF5141**.

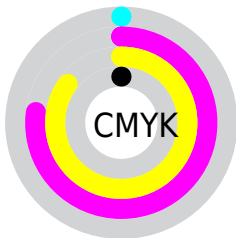
# Distribution



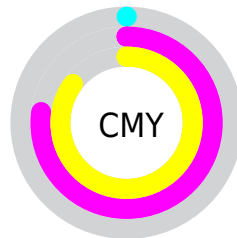
- Red (100%)
- Green (23%)
- Blue (15%)



- Red (100%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (85%)
- Black (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3A27 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 FF3A27 by changing the saturation by 10% instead.



 FF3A27

 FF3A27

FFFFFF

 DE070D

 FF7958

 BD0000

 FF9671

 9C0000

 FFB48B

 7C0000

 FFD2A6

 5C0002

 FFF0C2

 3E0003

 FFFFDE

 1B0001

 FFFFFB

 000000

 FF3A27

 FF3A27

 FF230E

 FF5141

 FF1600

 FF695A

 FF8074

 FF978D

 FFAEA7

 FFC6C0

 FFDDDA

 FFF4F3

FFFFFF

# Harmonies

## Analogous

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



FF0075



FF3A27



D26D00

# Triad

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



FF3A27



00A548



008BFF

# Complementary

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



FF3A27



27ECFF

# 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.



00A0FF



FF3A27



00A89D

# Square

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



FF3A27



2E9D00



00A8E9



9F65FF

# Rectangle

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



FF3A27



A98300



00A8E9



0094FF



# Sweetspot

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



FF3A27



FFC5BF



FF27ED



805D59



000000



808080



# Same Dimension

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



FF3A27



FF1600



FFA527



807473



BF1100

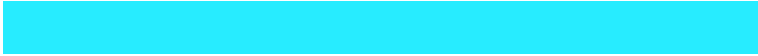


400600



# Inverse Universe

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



27ECFF



00E9FF



2781FF



737E80



00AEBF



003A40



# Previews

## White Background



This preview shows how the Hex color FF3A27 looks on a white background.

## Color Contrast Check

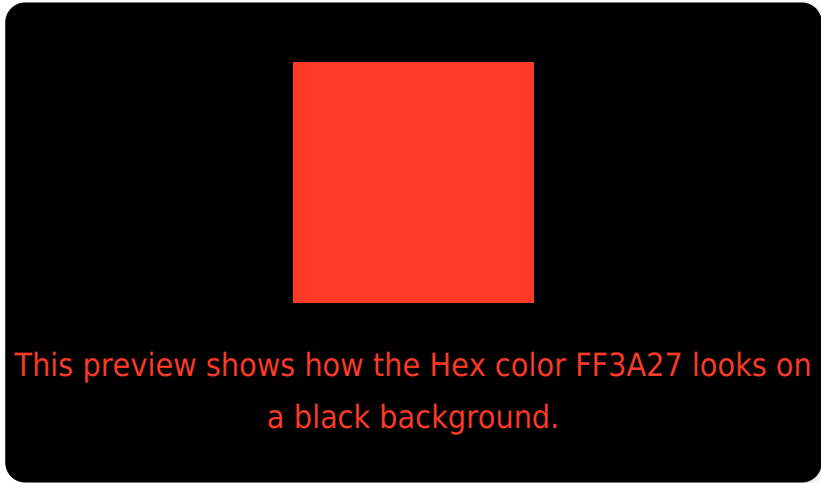
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3A27 Background



This preview shows how black text looks on a background with the Hex color FF3A27.



This preview shows how white text looks on a background with the Hex color FF3A27.

# 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**  
FF3A27

**Protanopia**  
97883A

**Deuteranopia**  
AC8100



**Tritanopia**  
FF3939

# Trichromacy



**Original Color**  
FF3A27

**Protanomaly**  
BD6C33

**Deuteranomaly**  
CA670E

**Tritanomaly**  
FF3932

# Monochromacy



**Original Color**  
FF3A27

**Achromatopsia**  
737373

**Achromatomaly**  
A65E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3A27 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 #FF3A27 looks like.

```
.text, #text, p{  
    color:#FF3A27  
}
```

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 #FF3A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3A27
}
```

## Border

The CSS property to change the border of an element to Hex FF3A27 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
#FF3A27 }
```

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

```
.border{ border-color:#FF3A27 }
```

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

Here you see how a box with a 4 pixel #FF3A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3A27; -webkit-box-shadow:4px 4px  
4px 4px #FF3A27; box-shadow:4px 4px 4px  
4px #FF3A27 }
```

# Background

The CSS property to change the background color of an element to Hex FF3A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3A27 }
```

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

```
.background{ background-color:#FF3A27 }
```

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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