

Converting Colors

Hex(FF3B30)

Have a look what the booklet for
Hex(FF3B30) contains.

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Color

Hex(F3B30)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B30
RGB	255, 59, 48
RGB Percent	100%, 23%, 19%
CMY	0.0000, 0.7686, 0.8118
CMYK	0.00, 0.77, 0.81, 0.00
HSL	3°, 100%, 59%
HSV	3°, 81%, 100%
XYZ	43.3375, 24.6013, 5.2607
YIQ	116.3500, 120.3470, 38.1310

Conversions

Conversions Part 2

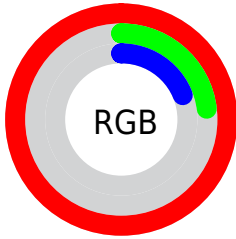
Format	Color
R_{YB}	255, 60, 48
Decimal	16726832
CIE _{Lab}	56.68, 71.54, 52.48
CIE _{LCh}	57, 88.723, 36.260
Yxy	24.6013, 0.5920, 0.3361
Android (android.graphics.Color)	4294916912 (0xFFFF3B30)
YUV	116.3500, -33.6965, 121.5961
Hunter-Lab	49.5997, 69.1638, 28.4313

Details

The Hex color **FF3B30** 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 **30F4FF**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7A60**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2317**, and if you desaturate by 10%, it is **FF534A**.

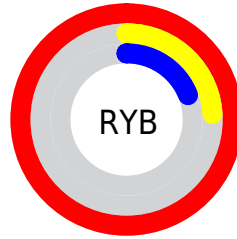
Distribution



Red (100%)

Green (23%)

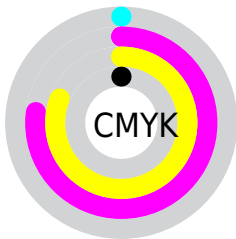
Blue (19%)



Red (100%)

Yellow (24%)

Blue (19%)

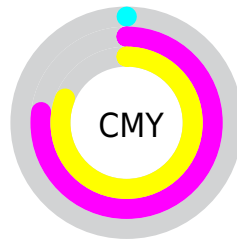


Cyan (0%)

Magenta (77%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3B30 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 FF3B30 by changing the saturation by 10% instead.

 FF3B30

 FF3B30

FFFFFF

 DE0A19

 FF7A60

 BD0000

 FF977A

 9C0000

 FFB594

 7C0000

 FFD2AF

 5D0002

 FFF0CB

 3F0003

 FFFFE7

 1B0001

 000000

 FF3B30

 FF3B30

 FF2317

 FF534A

 FF0E00

 FF6B63

 FF837D

 FF9C96

 FFB4B0

 FFCCC9

 FFE4E3

 FFFCFC

FFFFFF

Harmonies

Analogous

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



FF007B



FF3B30



D56C00

Triad

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



FF3B30



00A444



008DFF

Complementary

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



FF3B30



30F4FF

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



FF3B30



00A897

Square

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



FF3B30



3E9C00



00A8E2



976AFF

Rectangle

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



FF3B30



AD8200



00A8E2



0095FF

Sweetspot

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



FF3B30



FFC5C2



FF30F5



805C5B



000000



808080

Same Dimension

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



FF3B30



FF1508



FFA230



807373



BF0A00



400300

Inverse Universe

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



30F4FF



08F2FF



308DFF



737F80



00B5BF



003C40

Previews

White Background



This preview shows how the Hex color FF3B30 looks on a white background.

Color Contrast Check

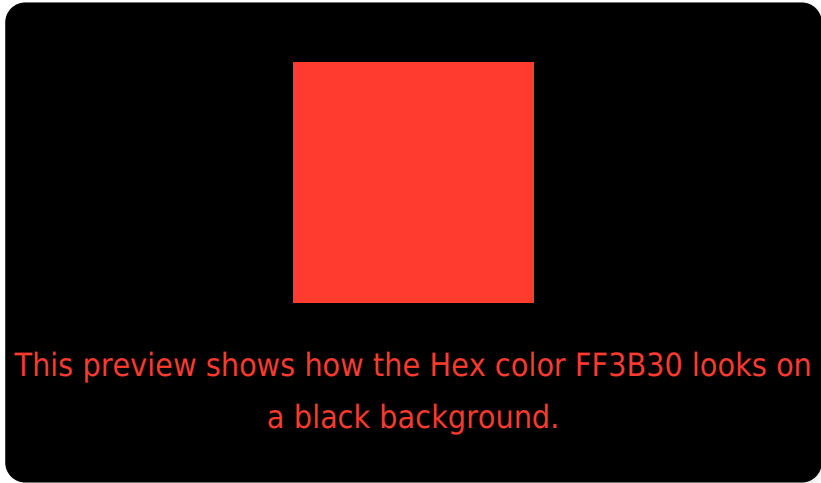
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3B30 Background



This preview shows how black text looks on a background with the Hex color FF3B30.

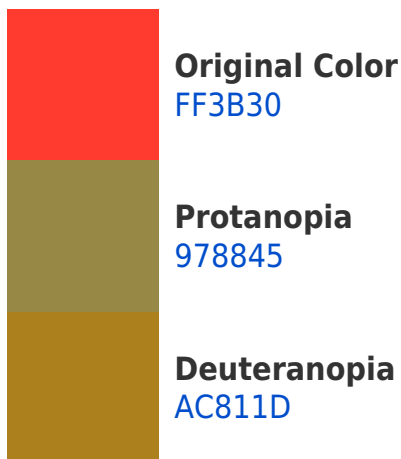


This preview shows how white text looks on a background with the Hex color FF3B30.

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





Tritanopia
FF3A3B

Trichromacy



Original Color
FF3B30

Protanomaly
BD6C3D

Deuteranomaly
CA6824

Tritanomaly
FF3A37

Monochromacy



Original Color
FF3B30

Achromatopsia
747474

Achromatomaly
A75F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3B30 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 #FF3B30 looks like.

```
.text, #text, p{  
    color:#FF3B30  
}
```

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 #FF3B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3B30
}
```

Border

The CSS property to change the border of an element to Hex FF3B30 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".

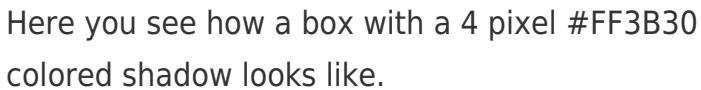
```
.border, #border, table{ border:4px solid
#FF3B30 }
```

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

```
.border{ border-color:#FF3B30 }
```

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

Here you see how a box with a 4 pixel #FF3B30 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3B30; -webkit-box-shadow:4px 4px  
4px 4px #FF3B30; box-shadow:4px 4px 4px  
4px #FF3B30 }
```

Background

The CSS property to change the background color of an element to Hex FF3B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3B30 }
```

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

```
.background{ background-color:#FF3B30 }
```

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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