

Converting Colors

Hex(FF3C0B)

Have a look what the booklet for
Hex(FF3C0B) contains.

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Color

Hex(F3C0B)

Conversions

Conversions Part 1

Format	Color
Hex	FF3C0B
RGB	255, 60, 11
RGB Percent	100%, 24%, 4%
CMY	0.0000, 0.7647, 0.9569
CMYK	0.00, 0.76, 0.96, 0.00
HSL	12°, 100%, 52%
HSV	12°, 96%, 100%
XYZ	42.9163, 24.5159, 2.7867
YIQ	112.7190, 131.9490, 26.1010

Conversions

Conversions Part 2

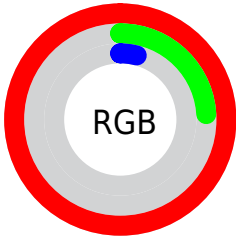
Format	Color
RYB	255, 72, 11
Decimal	16727051
CIELab	56.60, 70.65, 66.23
CIELCh	57, 96.845, 43.151
Yxy	24.5159, 0.6112, 0.3491
Android (android.graphics.Color)	4294917131 (0xFFFF3C0B)
YUV	112.7190, -50.1475, 124.7804
Hunter-Lab	49.5135, 68.0678, 31.3225

Details

The Hex color **FF3C0B** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0BCEFF**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7A44**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF3300**, and if you desaturate by 10%, it is **FF5024**.

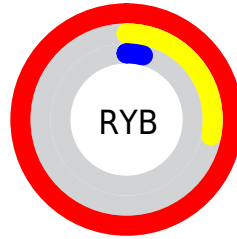
Distribution



Red (100%)

Green (24%)

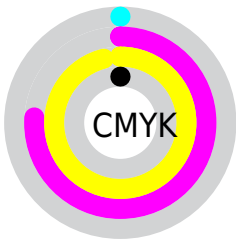
Blue (4%)



Red (100%)

Yellow (28%)

Blue (4%)

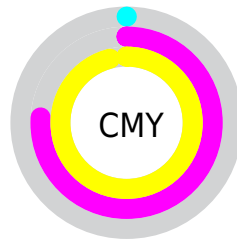


Cyan (0%)

Magenta (76%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3C0B 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 FF3C0B by changing the saturation by 10% instead.

 FF3C0B

 FF3C0B

FFFFFF

 DD0E00

 FF7A44

 BC0000

 FF975E

 9B0000

 FFB578

 7B0000

 FFD293

 5B0002

 FFF0AE

 3E0003

 FFFFCA

 1A0001

 FFFF7E

 000000

 FF3C0B

 FF3C0B

 FF3300

 FF5024

 FF653E

 FF7958

 FF8E71

 FFA28B

 FFB6A4

 FFCBBE

 FFDFD7

 FFF3F1

Harmonies

Analogous

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



FF0067



FF3C0B



CB7200

Triad

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



FF3C0B



00A753



0087FF

Complementary

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



FF3C0B



0BCEFF

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



FF3C0B



00AAAC

Square

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



FF3C0B



00A000



00A9FB



B459FF

Rectangle

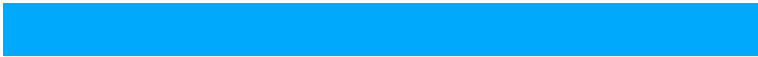
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF3C0B



9E8800



00A9FB



0091FF

Sweetspot

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



FF3C0B



FFC4B5



FF0BCE



805C53



000000



808080

Same Dimension

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



FF3C0B



FF3300



FFB60B



807573



BF2600



400D00

Inverse Universe

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



0BCEFF



00CCFF



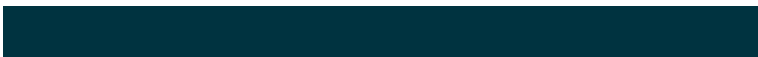
0B54FF



737D80



0099BF



003340

Previews

White Background



This preview shows how the Hex color FF3C0B looks on a white background.

Color Contrast Check

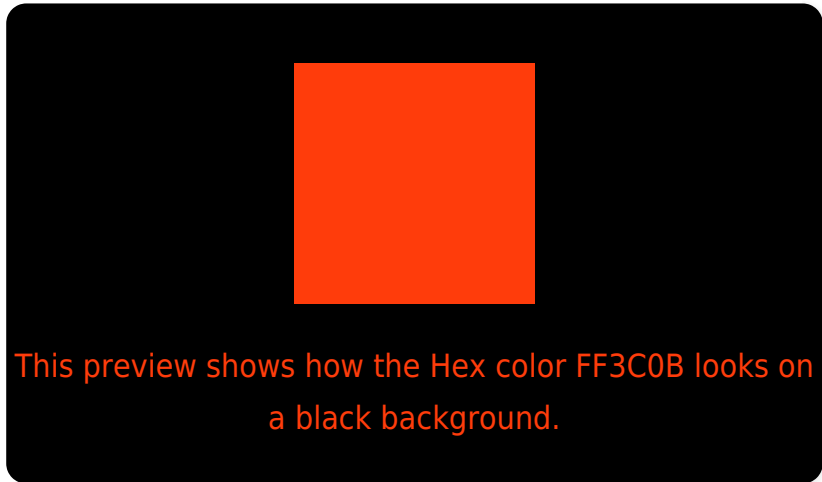
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3C0B Background



This preview shows how black text looks on a background with the Hex color FF3C0B.



This preview shows how white text looks on a background with the Hex color FF3C0B.

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
FF3C0B

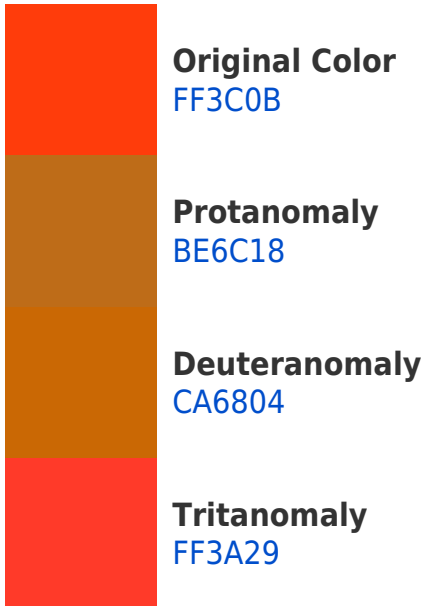
Protanopia
998820

Deuteranopia
AC8100

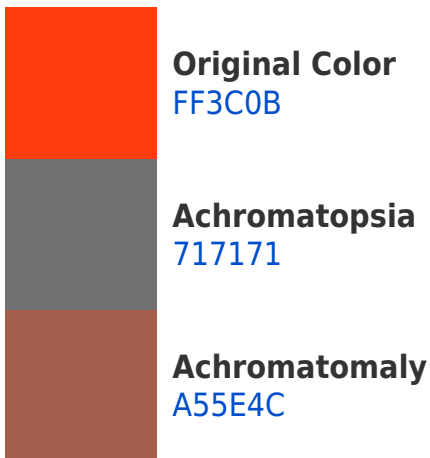


Tritanopia
FF393A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3C0B 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 #FF3C0B looks like.

```
.text, #text, p{  
    color:#FF3C0B  
}
```

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 #FF3C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3C0B
}
```

Border

The CSS property to change the border of an element to Hex FF3C0B 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
#FF3C0B }
```

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

```
.border{ border-color:#FF3C0B }
```

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

Here you see how a box with a 4 pixel #FF3C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3C0B; -webkit-box-shadow:4px 4px  
4px 4px #FF3C0B; box-shadow:4px 4px 4px  
4px #FF3C0B }
```

Background

The CSS property to change the background color of an element to Hex FF3C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3C0B }
```

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

```
.background{ background-color:#FF3C0B }
```

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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