

Converting Colors

Hex(FF3B0A)

Have a look what the booklet for
Hex(FF3B0A) contains.

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Color

Hex(F3B0A)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B0A
RGB	255, 59, 10
RGB Percent	100%, 23%, 4%
CMY	0.0000, 0.7686, 0.9608
CMYK	0.00, 0.77, 0.96, 0.00
HSL	12°, 100%, 52%
HSV	12°, 96%, 100%
XYZ	42.8588, 24.4098, 2.7398
YIQ	112.0180, 132.5450, 26.3130

Conversions

Conversions Part 2

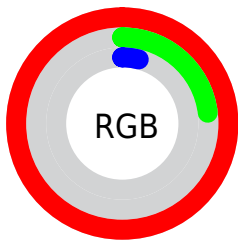
Format	Color
R_{YB}	255, 71, 10
Decimal	16726794
CIE Lab	56.50, 70.93, 66.39
CIE LCh	56, 97.153, 43.103
Yxy	24.4098, 0.6122, 0.3487
Android (android.graphics.Color)	4294916874 (0xFFFF3B0A)
YUV	112.0180, -50.2949, 125.3952
Hunter-Lab	49.4063, 68.3832, 31.2965

Details

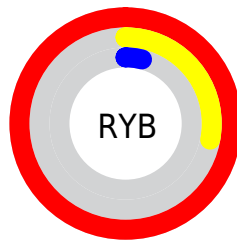
The Hex color **FF3B0A** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0ACEFF**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7943**, 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 **FF4F23**.

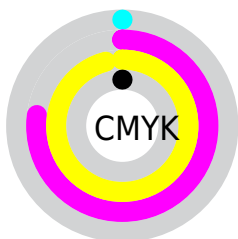
Distribution



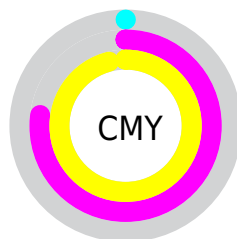
- Red (100%)
- Green (23%)
- Blue (4%)



- Red (100%)
- Yellow (28%)
- Blue (4%)



- Cyan (0%)
- Magenta (77%)
- Yellow (96%)
- Black (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3B0A 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 FF3B0A by changing the saturation by 10% instead.

 FF3B0A

 FF3B0A

FFFFFF

 DD0B00

 FF7943

 BC0000

 FF975D

 9B0000

 FFB477

 7B0000

 FFD292

 5B0002

 FFF0AD

 3E0003

 FFFFC9

 1A0001

 FFFF6E

 000000

 FF3B0A

 FF3B0A

 FF3300

 FF4F23

 FF643D

 FF7857

 FF8D70

 FFA18A

 FFB5A3

 FFCABD

 FFDED6

 FFF3F0

Harmonies

Analogous

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



FF0067



FF3B0A



CB7100

Triad

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



FF3B0A



00A752



0087FF

Complementary

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



FF3B0A



0ACEFF

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



FF3B0A



00AAAC

Square

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



FF3B0A



009F00



00A8FB



B459FF

Rectangle

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



FF3B0A



9D8800



00A8FB



0091FF

Sweetspot

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



FF3B0A



FFC4B5



FF0ACE



805C53



000000



808080

Same Dimension

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



FF3B0A



FF3300



FFB50A



807573



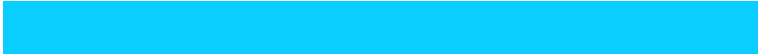
BF2600



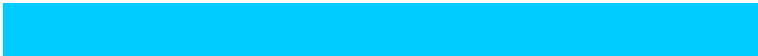
400D00

Inverse Universe

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



0ACEFF



00CCFF



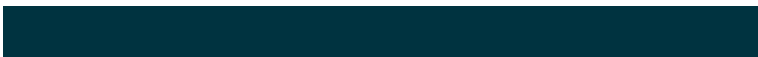
0A53FF



737D80



0099BF



003340

Previews

White Background



This preview shows how the Hex color FF3B0A looks on a white background.

Color Contrast Check

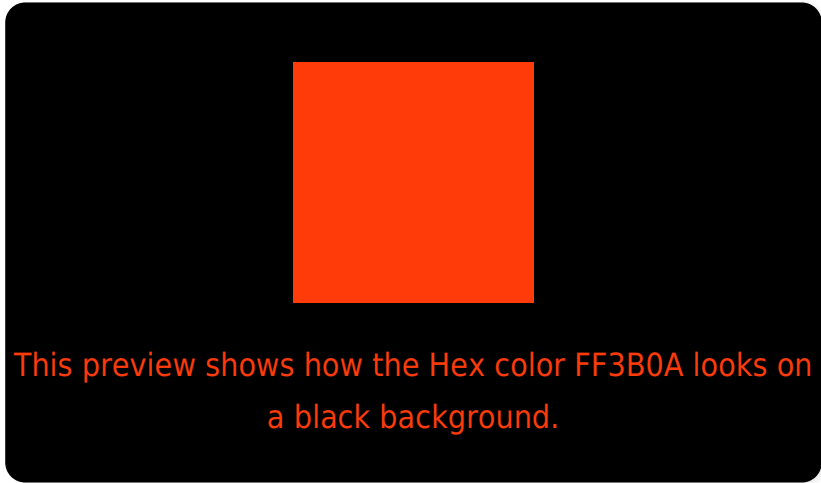
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3B0A Background



This preview shows how black text looks on a background with the Hex color FF3B0A.



This preview shows how white text looks on a background with the Hex color FF3B0A.

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
FF3B0A

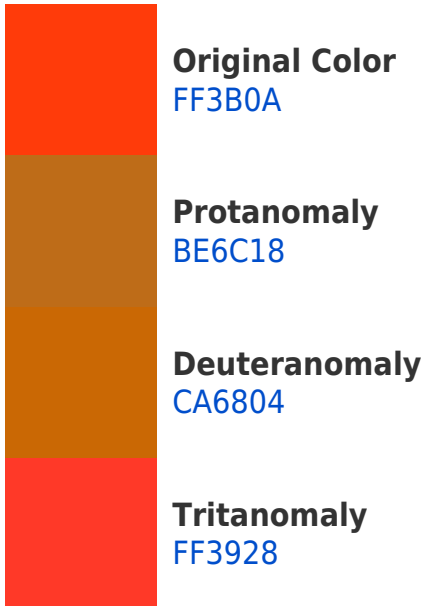
Protanopia
998820

Deuteranopia
AB8100

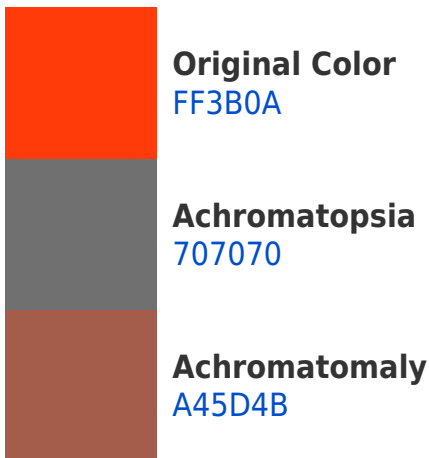


Tritanopia
FF3839

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3B0A 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 #FF3B0A looks like.

```
.text, #text, p{  
    color:#FF3B0A  
}
```

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 #FF3B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3B0A
}
```

Border

The CSS property to change the border of an element to Hex FF3B0A 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".

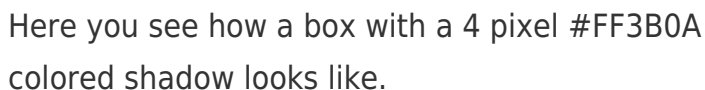
```
.border, #border, table{ border:4px solid
#FF3B0A }
```

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

```
.border{ border-color:#FF3B0A }
```

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

Here you see how a box with a 4 pixel #FF3B0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3B0A; -webkit-box-shadow:4px 4px  
4px 4px #FF3B0A; box-shadow:4px 4px 4px  
4px #FF3B0A }
```

Background

The CSS property to change the background color of an element to Hex FF3B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3B0A }
```

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

```
.background{ background-color:#FF3B0A }
```

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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