

Converting Colors

Hex(FF2A0F)

Have a look what the booklet for
Hex(FF2A0F) contains.

Hex(FF2A0F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F F 2 A 0 F)

Conversions

Conversions Part 1

Format	Color
Hex	FF2A0F
RGB	255, 42, 15
RGB Percent	100%, 16%, 6%
CMY	0.0000, 0.8353, 0.9412
CMYK	0.00, 0.84, 0.94, 0.00
HSL	7°, 100%, 53%
HSV	7°, 94%, 100%
XYZ	42.1542, 22.9504, 2.6600
YIQ	102.6090, 135.6150, 36.7590

Conversions

Conversions Part 2

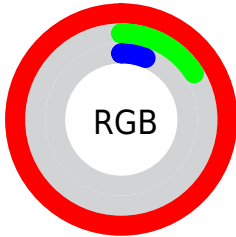
Format	Color
R _Y B	255, 45, 15
Decimal	16722447
CIE Lab	55.02, 75.18, 64.42
CIE LCh	55, 99.002, 40.592
Yxy	22.9504, 0.6221, 0.3387
Android (android.graphics.Color)	4294912527 (0xFFFF2A0F)
YUV	102.6090, -43.1912, 133.6469
Hunter-Lab	47.9066, 73.2300, 30.2425

Details

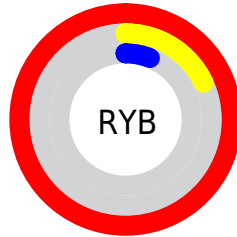
The Hex color **FF2A0F** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0FE4FF**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6F44**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1D00**, and if you desaturate by 10%, it is **FF4129**.

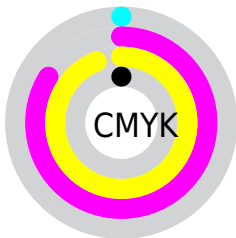
Distribution



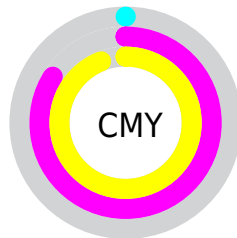
- Red (100%)
- Green (16%)
- Blue (6%)



- Red (100%)
- Yellow (18%)
- Blue (6%)



- Cyan (0%)
- Magenta (84%)
- Yellow (94%)
- Black (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2A0F 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 FF2A0F by changing the saturation by 10% instead.

 FF2A0F

 FF2A0F

FFFFFF

 DD0000

 FF6F44

 BC0000

 FF8D5E

 9B0000

 FFAB78

 7A0000

 FFC993

 5B0003

 FFE7AE

 3C0003

 FFFFCA

 170000

 FFFF66

 000000

 FF2A0F

 FF2A0F

 FF1D00

 FF4129

 FF5742

 FF6E5C

 FF8575

 FF9B8F

 FFB2A8

 FFC8C2

 FFDFDB

 FFF6F5

Harmonies

Analogous

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



FF006A



FF2A0F



CC6A00

Triad

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



FF2A0F



00A246



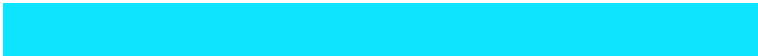
0086FF

Complementary

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



FF2A0F



0FE4FF

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.



009DFF



FF2A0F



00A6A1

Square

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



FF2A0F



009B00



00A5F3



A559FF

Rectangle

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



FF2A0F



9F8100



00A5F3



0090FF

Sweetspot

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



FF2A0F



FFC0B8



FF0FE7



805954



000000



808080

Same Dimension

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



FF2A0F



FF1D00



FF9F0F



807473



BF1600



400700

Inverse Universe

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



0FE4FF



00E2FF



0F6FFF



737E80



00AABF



003940

Previews

White Background



This preview shows how the Hex color FF2A0F looks on a white background.

Color Contrast Check

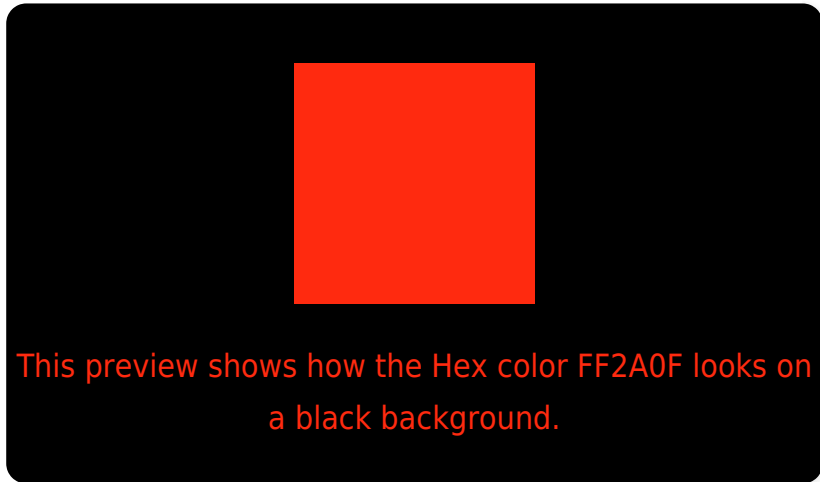
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2A0F Background



This preview shows how black text looks on a background with the Hex color FF2A0F.



This preview shows how white text looks on a background with the Hex color FF2A0F.

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
FF2A0F

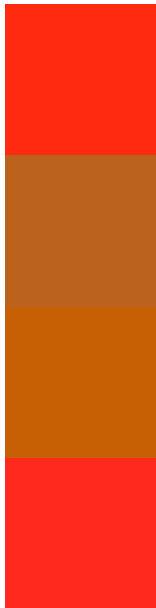
Protanopia
948425

Deuteranopia
A77D00



Tritanopia
FF2926

Trichromacy



Original Color
FF2A0F

Protanomaly
BB631D

Deuteranomaly
C75F05

Tritanomaly
FF291E

Monochromacy



Original Color
FF2A0F

Achromatopsia
676767

Achromatomaly
9E5147

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2A0F 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 #FF2A0F looks like.

```
.text, #text, p{  
    color:#FF2A0F  
}
```

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 #FF2A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2A0F
}
```

Border

The CSS property to change the border of an element to Hex FF2A0F 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".

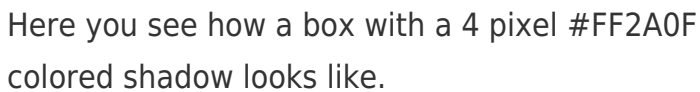
```
.border, #border, table{ border:4px solid
#FF2A0F }
```

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

```
.border{ border-color:#FF2A0F }
```

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

Here you see how a box with a 4 pixel #FF2A0F colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2A0F; -webkit-box-shadow:4px 4px  
4px 4px #FF2A0F; box-shadow:4px 4px 4px  
4px #FF2A0F }
```

Background

The CSS property to change the background color of an element to Hex FF2A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2A0F }
```

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

```
.background{ background-color:#FF2A0F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor