

# Converting Colors

Hex(FE2A0D)

Have a look what the booklet for  
Hex(FF2A0D) contains.

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**Color**

**Hex(FF2A0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2A0D
RGB	255, 42, 13
RGB Percent	100%, 16%, 5%
CMY	0.0000, 0.8353, 0.9490
CMYK	0.00, 0.84, 0.95, 0.00
HSL	7°, 100%, 53%
HSV	7°, 95%, 100%
XYZ	42.1406, 22.9450, 2.5885
YIQ	102.3810, 136.2570, 36.1370

# Conversions

## Conversions Part 2

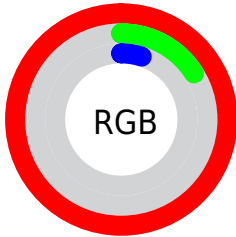
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	255, 46, 13
Decimal	16722445
CIELab	55.02, 75.16, 64.93
CIElCh	55, 99.325, 40.824
Yxy	22.9450, 0.6227, 0.3391
Android (android.graphics.Color)	4294912525 (0xFFFF2A0D)
YUV	102.3810, -44.0648, 133.8469
Hunter-Lab	47.9009, 73.2079, 30.3267

# Details

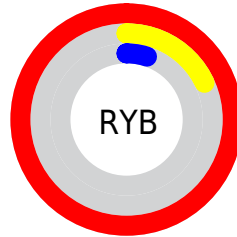
The Hex color **FF2A0D** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0DE2FF**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6F43**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1F00**, and if you desaturate by 10%, it is **FF4027**.

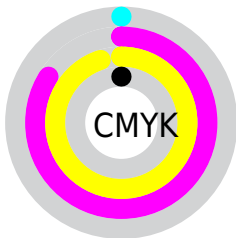
# Distribution



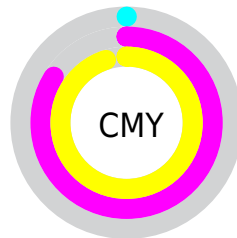
- Red (100%)
- Green (16%)
- Blue (5%)



- Red (100%)
- Yellow (18%)
- Blue (5%)



- Cyan (0%)
- Magenta (84%)
- Yellow (95%)
- Black (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2A0D 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 FF2A0D by changing the saturation by 10% instead.



 FF2A0D

 FF2A0D

FFFFFF

 DD0000

 FF6F43

 BC0000

 FF8D5D

 9B0000

 FFAB77

 7A0000

 FFC892

 5B0003

 FFE7AD

 3C0003

 FFFFC9

 170000

 FFFF E5

 000000

 FF2A0D

 FF2A0D

 FF1F00

 FF4027

 FF5740

 FF6D5A

 FF8473

 FF9A8D

 FFB1A6

 FFC7C0

 FFDED9

 FFF4F3

# Harmonies

## Analogous

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



FF0069



FF2A0D



CC6A00

# Triad

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



FF2A0D



00A346



0086FF

# Complementary

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



FF2A0D



0DE2FF

# 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



FF2A0D



00A6A2

# Square

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



FF2A0D



009B00



00A5F4



A658FF

# Rectangle

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



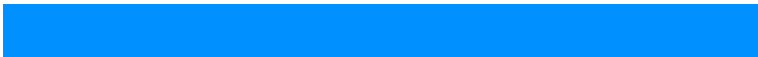
FF2A0D



9E8200



00A5F4



0090FF



# Sweetspot

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



FF2A0D



FFC0B8



FF0DE3



805954



000000



808080



# Same Dimension

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



FF2A0D



FF1F00



FFA20D



807473



BF1700



400800



# Inverse Universe

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



0DE2FF



00E0FF



0D6AFF



737E80



00A8BF



003840



# Previews

## White Background



This preview shows how the Hex color FF2A0D looks on a white background.

## Color Contrast Check

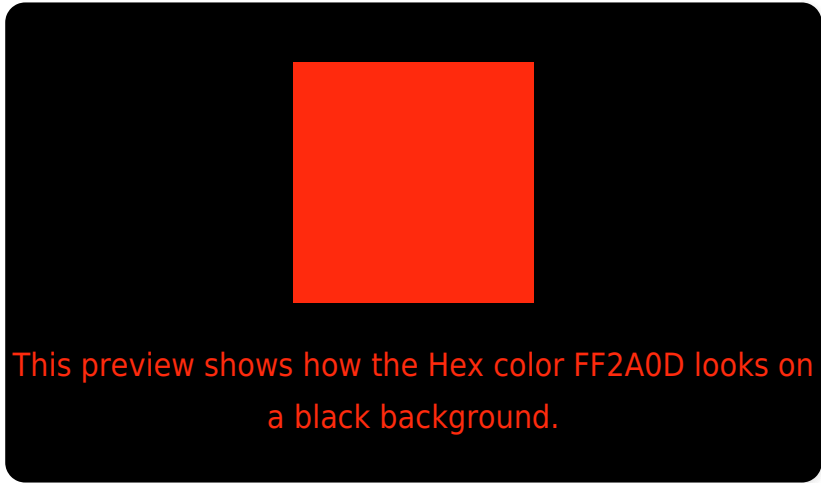
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2A0D Background



This preview shows how black text looks on a background with the Hex color FF2A0D.

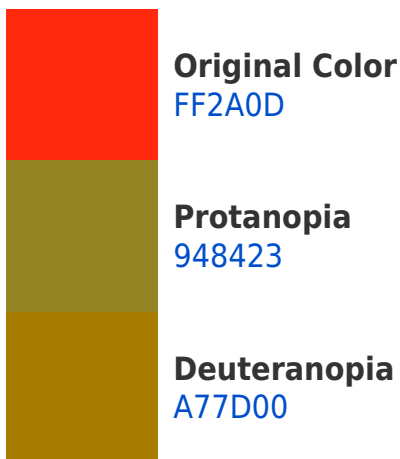


This preview shows how white text looks on a background with the Hex color FF2A0D.

# 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**  
FF2926

# Trichromacy



**Original Color**  
FF2A0D

**Protanomaly**  
BB631B

**Deuteranomaly**  
C75F05

**Tritanomaly**  
FF291D

# Monochromacy



**Original Color**  
FF2A0D

**Achromatopsia**  
666666

**Achromatomaly**  
9E5046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2A0D 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 #FF2A0D looks like.

```
.text, #text, p{  
    color:#FF2A0D  
}
```

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 #FF2A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2A0D  
}
```

## Border

The CSS property to change the border of an element to Hex FF2A0D 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  
#FF2A0D }
```

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

```
.border{ border-color:#FF2A0D }
```

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

Here you see how a box with a 4 pixel #FF2A0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2A0D; -webkit-box-shadow:4px 4px  
4px 4px #FF2A0D; box-shadow:4px 4px 4px  
4px #FF2A0D }
```

# Background

The CSS property to change the background color of an element to Hex FF2A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2A0D }
```

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

```
.background{ background-color:#FF2A0D }
```

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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