

Converting Colors

Hex(FF2F00)

Have a look what the booklet for
Hex(FF2F00) contains.

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Color

Hex(F2F00)

Conversions

Conversions Part 1

Format	Color
Hex	FF2F00
RGB	255, 47, 0
RGB Percent	100%, 18%, 0%
CMY	0.0000, 0.8157, 1.0000
CMYK	0.00, 0.82, 1.00, 0.00
HSL	11°, 100%, 50%
HSV	11°, 100%, 100%
XYZ	42.2565, 23.2930, 2.2688
YIQ	103.8340, 139.0550, 29.4790

Conversions

Conversions Part 2

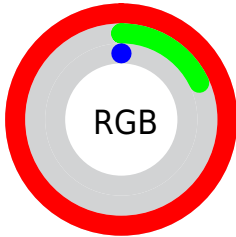
Format	Color
RYB	255, 58, 0
Decimal	16723712
CIELab	55.37, 73.97, 68.02
CIELCh	55, 100.491, 42.601
Yxy	23.2930, 0.6231, 0.3435
Android (android.graphics.Color)	4294913792 (0xFFFF2F00)
YUV	103.8340, -51.1902, 132.5726
Hunter-Lab	48.2629, 71.8256, 30.9968

Details

The Hex color **FF2F00** 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 **00D0FF**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF713D**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2F00**, and if you desaturate by 10%, it is **FF4419**.

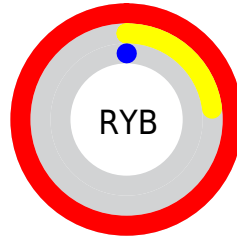
Distribution



Red (100%)

Green (18%)

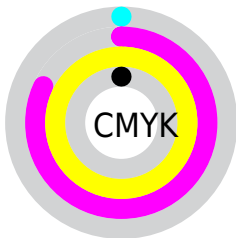
Blue (0%)



Red (100%)

Yellow (23%)

Blue (0%)

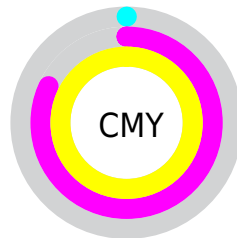


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2F00 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 FF2F00 by changing the saturation by 10% instead.

 FF2F00

 FF2F00

FFFFFFD

 DD0000

 FF713D

 BC0000

 FF8F57

 9B0000

 FFAD71

 7A0000

 FFCB8C

 5B0002

 FFE9A7

 3C0003

 FFFFC3

 170000

 FFFFEO

 000000

 FF2F00

 FF4419

 FF5933

 FF6D4D

 FF8266

 FF9780

 FFAC99

 FFC1B3

 FFD5CC

 FFEAE6

Harmonies

Analogous

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



FF0065



FF2F00



CA6D00

Triad

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



FF2F00



00A44C



0085FF

Complementary

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



FF2F00



00D0FF

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



FF2F00



00A7A9

Square

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



FF2F00



009D00



00A6FB



AF54FF

Rectangle

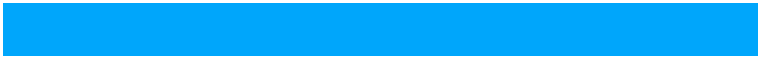
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF2F00



9B8400



00A6FB



008FFF

Sweetspot

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



FF2F00



FFC1B3



FF00D0



805A52



000000



808080

Same Dimension

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



FF2F00



FFAE00



807573



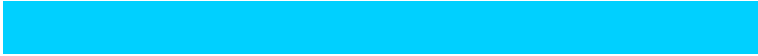
BF2300



400C00

Inverse Universe

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



00D0FF



0051FF



737D80



009CBF



003440

Previews

White Background



This preview shows how the Hex color FF2F00 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 FF2F00 Background



This preview shows how black text looks on a background with the Hex color FF2F00.



This preview shows how white text looks on a background with the Hex color FF2F00.

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
FF2F00

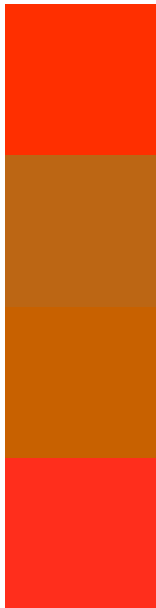
Protanopia
96851F

Deuteranopia
A87E00



Tritanopia
FF2D2C

Trichromacy



Original Color
FF2F00

Protanomaly
BC6614

Deuteranomaly
C86100

Tritanomaly
FF2E1C

Monochromacy



Original Color
FF2F00

Achromatopsia
686868

Achromatomaly
9F5342

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2F00 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 #FF2F00 looks like.

```
.text, #text, p{  
    color:#FF2F00  
}
```

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 #FF2F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2F00
}
```

Border

The CSS property to change the border of an element to Hex FF2F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

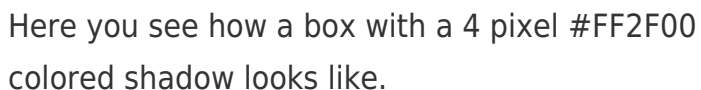
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF2F00 }
```

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

```
.border{ border-color:#FF2F00 }
```

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



Here you see how a box with a 4 pixel `#FF2F00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2F00; -webkit-box-shadow:4px 4px  
4px 4px #FF2F00; box-shadow:4px 4px 4px  
4px #FF2F00 }
```

Background

The CSS property to change the background color of an element to Hex FF2F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2F00 }
```

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

```
.background{ background-color:#FF2F00 }
```

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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