

Converting Colors

Hex(FF2821)

Have a look what the booklet for
Hex(FF2821) contains.

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Color

Hex(F2821)

Conversions

Conversions Part 1

Format	Color
Hex	FF2821
RGB	255, 40, 33
RGB Percent	100%, 16%, 13%
CMY	0.0000, 0.8431, 0.8706
CMYK	0.00, 0.84, 0.87, 0.00
HSL	2°, 100%, 56%
HSV	2°, 87%, 100%
XYZ	42.2733, 22.8874, 3.6285
YIQ	103.4870, 130.3870, 43.4030

Conversions

Conversions Part 2

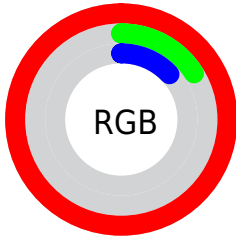
Format	Color
R_{YB}	255, 40, 33
Decimal	16721953
CIE _{Lab}	54.96, 75.82, 57.98
CIE _{LCh}	55, 95.444, 37.405
Yxy	22.8874, 0.6145, 0.3327
Android (android.graphics.Color)	4294912033 (0xFFFF2821)
YUV	103.4870, -34.7501, 132.8769
Hunter-Lab	47.8408, 74.0058, 28.9917

Details

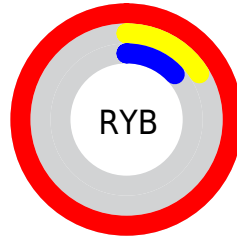
The Hex color **FF2821** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **21F8FF**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6E52**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0F08**, and if you desaturate by 10%, it is **FF413A**.

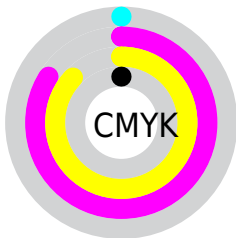
Distribution



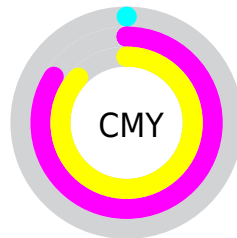
- Red (100%)
- Green (16%)
- Blue (13%)



- Red (100%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (84%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2821 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 FF2821 by changing the saturation by 10% instead.

 FF2821

 FF2821

FFFFFF

 DD0006

 FF6E52

 BC0000

 FF8C6B

 9B0000

 FFAA85

 7B0000

 FFC8A0

 5B0003

 FFE6BB

 3C0003

 FFFFD7

 170000

 FFFFF4

 000000

 FF2821

 FF2821

 FF0F08

 FF413A

 FF0800

 FF5954

 FF726D

 FF8B87

 FFA3A1

 FFBCBA

 FFD5D3

 FFEED

FFFFFF

Harmonies

Analogous

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



FF0073



FF2821



D16600

Triad

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



FF2821



00A13E



0089FF

Complementary

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



FF2821



21F8FF

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



FF2821



00A497

Square

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



FF2821



239900



00A4E7



9661FF

Rectangle

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



FF2821



A67E00



00A4E7



0092FF

Sweetspot

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



FF2821



FFBFBD



FF21FB



805958



000000



808080

Same Dimension

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



FF2821



FF0800



FF9421



807373



BF0600



400200

Inverse Universe

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



21F8FF



00F7FF



218CFF



737F80



00B9BF



003E40

Previews

White Background



This preview shows how the Hex color FF2821 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 FF2821 Background



This preview shows how black text looks on a background with the Hex color FF2821.



This preview shows how white text looks on a background with the Hex color FF2821.

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
FF2821

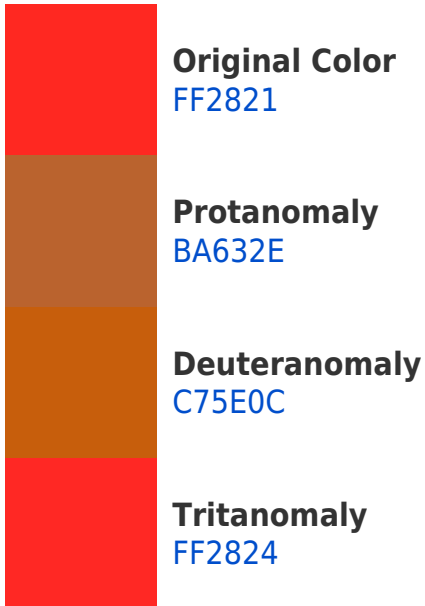
Protanopia
938436

Deuteranopia
A77D00



Tritanopia
FF2825

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF2821 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 #FF2821 looks like.

```
.text, #text, p{  
    color:#FF2821  
}
```

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 #FF2821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2821
}
```

Border

The CSS property to change the border of an element to Hex FF2821 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".

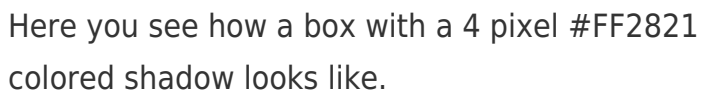
```
.border, #border, table{ border:4px solid
#FF2821 }
```

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

```
.border{ border-color:#FF2821 }
```

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

Here you see how a box with a 4 pixel #FF2821 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2821; -webkit-box-shadow:4px 4px  
4px 4px #FF2821; box-shadow:4px 4px 4px  
4px #FF2821 }
```

Background

The CSS property to change the background color of an element to Hex FF2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2821 }
```

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

```
.background{ background-color:#FF2821 }
```

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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