

Converting Colors

Hex(F2831A)

Have a look what the booklet for
Hex(F2831A) contains.

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Color

Hex(F2831A)

Conversions

Conversions Part 1

Format	Color
Hex	F2831A
RGB	242, 131, 26
RGB Percent	95%, 51%, 10%
CMY	0.0510, 0.4863, 0.8980
CMYK	0.00, 0.46, 0.89, 0.05
HSL	29°, 89%, 53%
HSV	29°, 89%, 95%
XYZ	44.9207, 35.1844, 5.4010
YIQ	152.2190, 99.8610, -9.1230

Conversions

Conversions Part 2

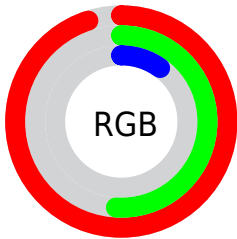
Format	Color
RYB	242, 230, 26
Decimal	15893274
CIELab	65.89, 36.49, 67.71
CIELCh	66, 76.913, 61.681
Yxy	35.1844, 0.5254, 0.4115
Android (android.graphics.Color)	4294083354 (0xFFFF2831A)
YUV	152.2190, -62.2260, 78.7379
Hunter-Lab	59.3165, 31.3753, 36.1230

Details

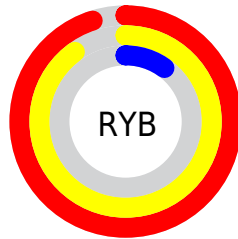
The Hex color **F2831A** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **1A89F2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB954**, and **B35000** is the 20% darker color. If you saturate the color by 10%, you get **F27702**, and if you desaturate by 10%, it is **F28F32**.

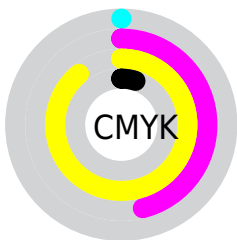
Distribution



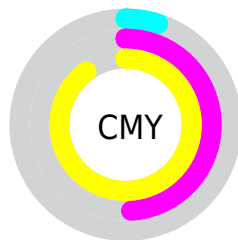
- Red (95%)
- Green (51%)
- Blue (10%)



- Red (95%)
- Yellow (90%)
- Blue (10%)



- Cyan (0%)
- Magenta (46%)
- Yellow (89%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2831A 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 F2831A by changing the saturation by 10% instead.

 F2831A

 F2831A

FFFFFF

 D26900

 FFB954

 B35000

 FFD56F

 943700

 FFF28A

 761E00

 FFFFA6

 580100

 FFFFC2

 3C0000

 FFFFDF

 210001

 FFFFFC

 000000

 F2831A

 F2831A

 F27702

 F28F32

 F27600

 F29C4A

 F2A863

 F2B57B

 F2C193

 F2CEAB

 F2DAC3

 F2E6DC

 F2F3F4

Harmonies

Analogous

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



FF635C



F2831A



BC9E00

Triad

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



F2831A



00BFA2



A28CFF

Complementary

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



F2831A



1A89F2

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.



00A7FF



F2831A



00BFE7

Square

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



F2831A



00BB5A



00B8FF



F56AE3

Rectangle

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



F2831A



90AC00



00B8FF



7496FF

Sweetspot

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



F2831A



FFDCBA



F21A8A



806B57



000000



808080

Same Dimension

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



F2831A



FF7C00



F2EE1A



78726C



B85900



381B00

Inverse Universe

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



1A89F2



0083FF



1A1EF2



6C7278



005EB8



001D38

Previews

White Background



This preview shows how the Hex color F2831A looks on a white background.

Color Contrast Check

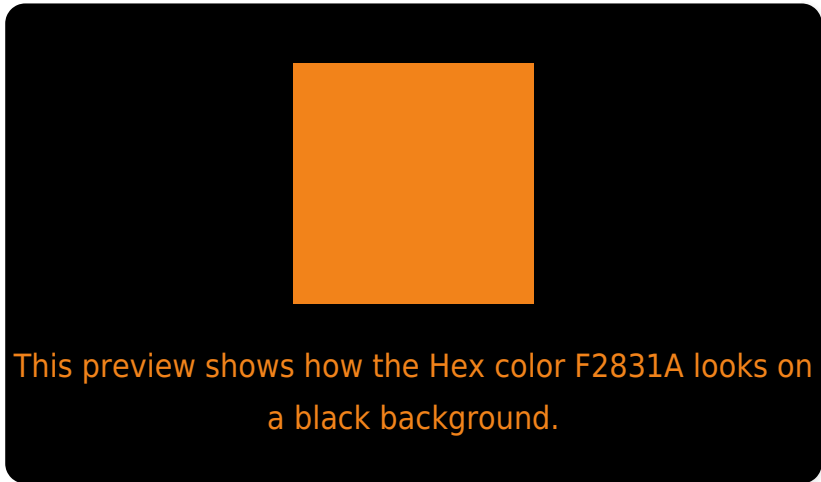
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F2831A Background



This preview shows how black text looks on a background with the Hex color F2831A.



This preview shows how white text looks on a background with the Hex color F2831A.

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
F2831A

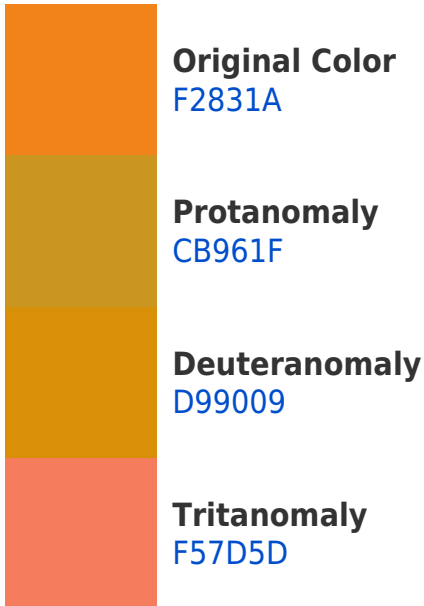
Protanopia
B5A122

Deuteranopia
CB9800

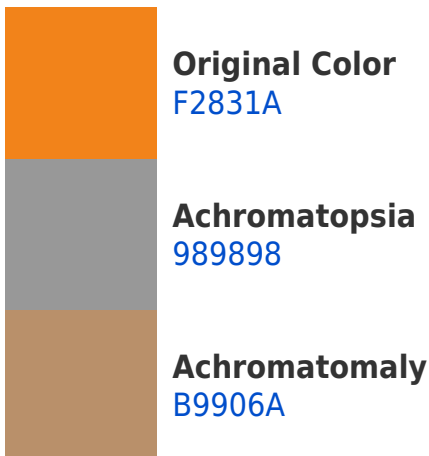


Tritanopia
F67A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2831A 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 #F2831A looks like.

```
.text, #text, p{  
    color:#F2831A  
}
```

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 #F2831A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2831A
}
```

Border

The CSS property to change the border of an element to Hex F2831A 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
#F2831A }
```

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

```
.border{ border-color:#F2831A }
```

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

Here you see how a box with a 4 pixel #F2831A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2831A; -webkit-box-shadow:4px 4px  
4px 4px #F2831A; box-shadow:4px 4px 4px  
4px #F2831A }
```

Background

The CSS property to change the background color of an element to Hex F2831A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2831A }
```

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

```
.background{ background-color:#F2831A }
```

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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