

Converting Colors

Hex(F27951)

Have a look what the booklet for
Hex(F27951) contains.

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Color

Hex(F27951)

Conversions

Conversions Part 1

Format	Color
Hex	F27951
RGB	242, 121, 81
RGB Percent	95%, 47%, 32%
CMY	0.0510, 0.5255, 0.6824
CMYK	0.00, 0.50, 0.67, 0.05
HSL	15°, 86%, 63%
HSV	15°, 67%, 95%
XYZ	44.9405, 33.1461, 11.8138
YIQ	152.6190, 84.9560, 13.2120

Conversions

Conversions Part 2

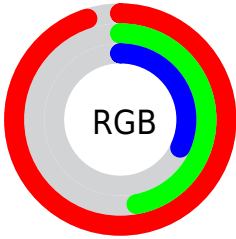
Format	Color
RYB	242, 134, 81
Decimal	15890769
CIELab	64.28, 43.50, 43.02
CIELCh	64, 61.178, 44.686
Yxy	33.1461, 0.4999, 0.3687
Android (android.graphics.Color)	4294080849 (0xFFFF27951)
YUV	152.6190, -35.3082, 78.3871
Hunter-Lab	57.5726, 38.5829, 28.1346

Details

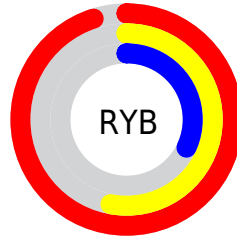
The Hex color **F27951** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **51CAF2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAF84**, and **B44522** is the 20% darker color. If you saturate the color by 10%, you get **F26739**, and if you desaturate by 10%, it is **F28B69**.

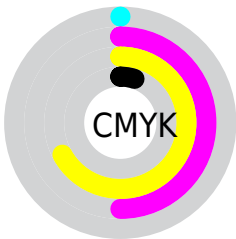
Distribution



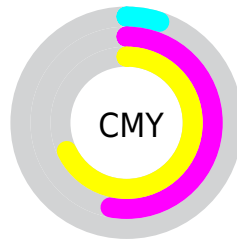
- Red (95%)
- Green (47%)
- Blue (32%)



- Red (95%)
- Yellow (53%)
- Blue (32%)



- Cyan (0%)
- Magenta (50%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color F27951 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 F27951 by changing the saturation by 10% instead.

 F27951

 F27951

FFFFFF

 D35F39

 FFAF84

 B44522

 FFCC9E

 962A09

 FFE8B9

 780A00

 FFFFD5

 5A0000

 FFFFF2

 3E0000

 210001

 000000

 F27951

 F27951

 F26739

 F28B69

 F25521

 F29D81

 F24208

 F2B09A

 F23C00

 F2C2B2

 F2D4CA

 F2E6E2

 F2F8FA

 F2FFFF

Harmonies

Analogous

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



FF6983



F27951



CF8F2B

Triad

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



F27951



00B47D



6599FF

Complementary

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



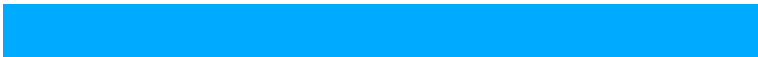
F27951



51CAF2

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.



00AAFF



F27951



00B6B6

Square

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



F27951



60AE49



00B3E8



C182EA

Rectangle

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



F27951



B09C22



00B3E8



259FFF

Sweetspot

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



F27951



FFD9CC



F251CC



806961



000000



808080

Same Dimension

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



F27951



FF6633



F2C751



786F6C



B82E00



380E00

Inverse Universe

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



51CAF2



33CCFF



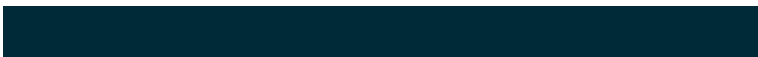
517CF2



6C7578



008AB8



002A38

Previews

White Background



This preview shows how the Hex color F27951 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 F27951 Background



This preview shows how black text looks on a background with the Hex color F27951.

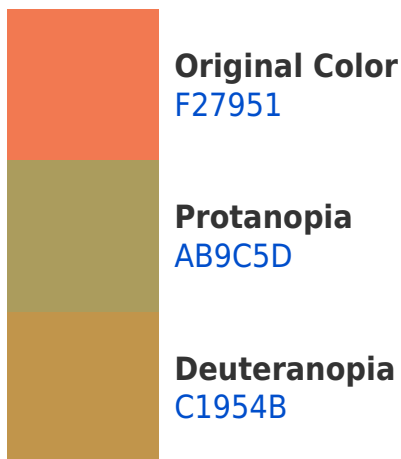



This preview shows how white text looks on a background with the Hex color F27951.

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](#).

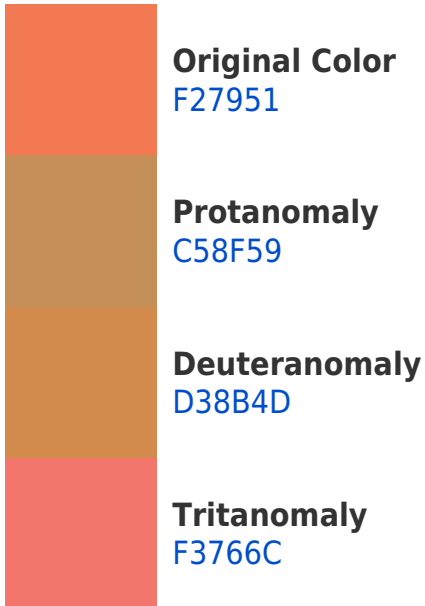
Dichromacy



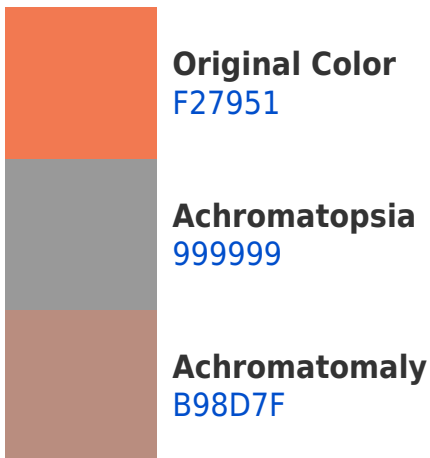


Tritanopia
F4747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F27951 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 #F27951 looks like.

```
.text, #text, p{  
    color:#F27951  
}
```

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 #F27951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27951
}
```

Border

The CSS property to change the border of an element to Hex F27951 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
#F27951 }
```

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

```
.border{ border-color:#F27951 }
```

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

Here you see how a box with a 4 pixel #F27951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27951; -webkit-box-shadow:4px 4px  
4px 4px #F27951; box-shadow:4px 4px 4px  
4px #F27951 }
```

Background

The CSS property to change the background color of an element to Hex F27951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27951 }
```

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

```
.background{ background-color:#F27951 }
```

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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