

Converting Colors

Hex(F27B3D)

Have a look what the booklet for
Hex(F27B3D) contains.

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Color

Hex(F27B3D)

Conversions

Conversions Part 1

Format	Color
Hex	F27B3D
RGB	242, 123, 61
RGB Percent	95%, 48%, 24%
CMY	0.0510, 0.5176, 0.7608
CMYK	0.00, 0.49, 0.75, 0.05
HSL	21°, 87%, 59%
HSV	21°, 75%, 95%
XYZ	44.5432, 33.3801, 8.5102
YIQ	151.5130, 90.8260, 5.9460

Conversions

Conversions Part 2

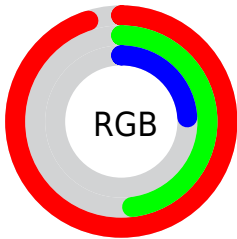
Format	Color
R _{YB}	242, 155, 61
Decimal	15891261
CIE Lab	64.47, 41.53, 53.23
CIE LCh	64, 67.512, 52.035
Yxy	33.3801, 0.5153, 0.3862
Android (android.graphics.Color)	4294081341 (0xFFFF27B3D)
YUV	151.5130, -44.6229, 79.3571
Hunter-Lab	57.7755, 36.5111, 31.7096

Details

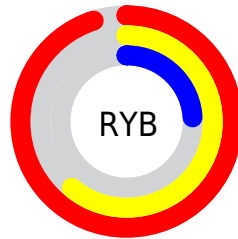
The Hex color **F27B3D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3DB4F2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB170**, and **B34706** is the 20% darker color. If you saturate the color by 10%, you get **F26B25**, and if you desaturate by 10%, it is **F28B55**.

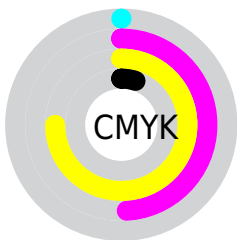
Distribution



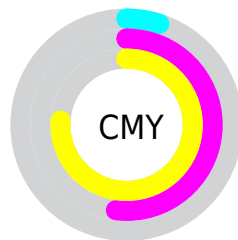
- Red (95%)
- Green (48%)
- Blue (24%)



- Red (95%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color F27B3D 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 F27B3D by changing the saturation by 10% instead.

 F27B3D

 F27B3D

FFFFFF

 D36124

 FFB170

 B34706

 FFCD8A

 952D00

 FFEAA5

 771100

 FFFFC1

 590000

 FFFFDD

 3D0000

 FFFFFA

 1F0001

 000000

 F27B3D

 F27B3D

 F26B25

 F28B55

 F25B0D

 F29B6D

 F25300

 F2AB86

 F2BB9E

 F2CBB6

 F2DACE

 F2EAE6

 F2FAFF

 F2FFFF

Harmonies

Analogous

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



FF6473



F27B3D



C8940E

Triad

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



F27B3D



00B88A



7D93FF

Complementary

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



F27B3D



3DB4F2

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.



00A8FF



F27B3D



00B8C8

Square

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



F27B3D



3EB24D



00B4FB



D578E7

Rectangle

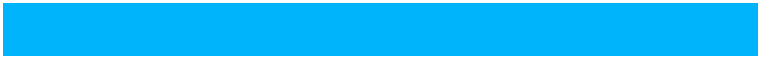
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F27B3D



A4A109



00B4FB



479BFF

Sweetspot

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



F27B3D



FFDAC7



F23DB6



806A5E



000000



808080

Same Dimension

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



F27B3D



FF6819



F2D43D



78706C



B83F00



381300

Inverse Universe

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



3DB4F2



19B0FF



3D5BF2



6C7478



0079B8



002538

Previews

White Background



This preview shows how the Hex color F27B3D looks on a white background.

Color Contrast Check

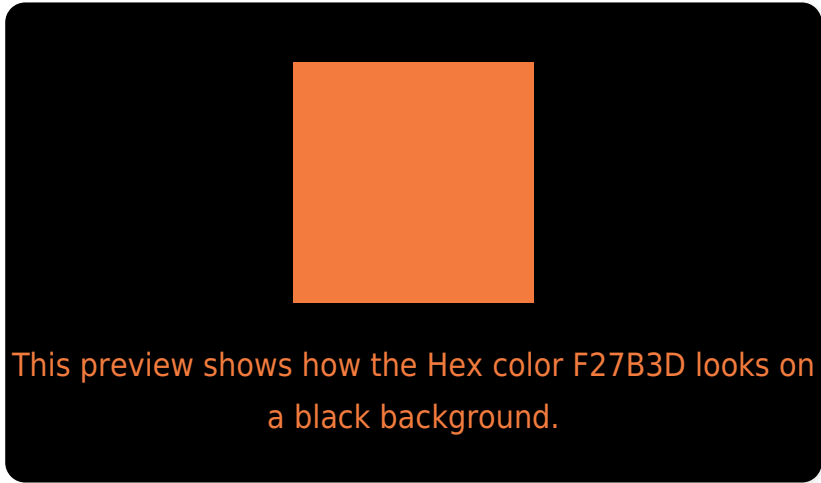
Large Text (above 18pt) WCAG AA × Fail

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 F27B3D Background



This preview shows how black text looks on a background with the Hex color F27B3D.



This preview shows how white text looks on a background with the Hex color F27B3D.

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
F27B3D

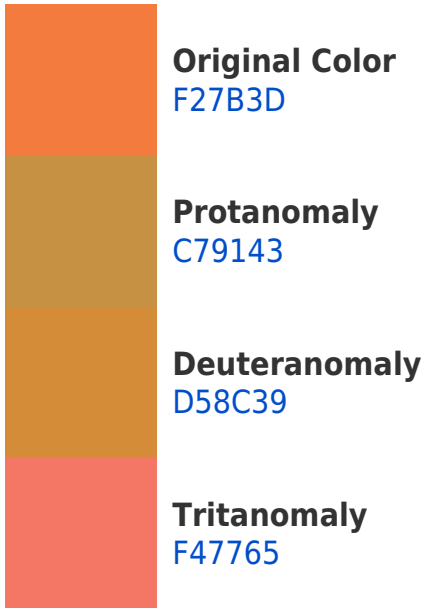
Protanopia
AE9D47

Deuteranopia
C49536



Tritanopia
F5747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F27B3D 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 #F27B3D looks like.

```
.text, #text, p{  
    color:#F27B3D  
}
```

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 #F27B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27B3D
}
```

Border

The CSS property to change the border of an element to Hex F27B3D 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
#F27B3D }
```

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

```
.border{ border-color:#F27B3D }
```

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

Here you see how a box with a 4 pixel #F27B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27B3D; -webkit-box-shadow:4px 4px  
4px 4px #F27B3D; box-shadow:4px 4px 4px  
4px #F27B3D }
```

Background

The CSS property to change the background color of an element to Hex F27B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27B3D }
```

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

```
.background{ background-color:#F27B3D }
```

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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