

Converting Colors

Hex(FB8027)

Have a look what the booklet for
Hex(FB8027) contains.

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Color

Hex(FB8027)

Conversions

Conversions Part 1

Format	Color
Hex	FB8027
RGB	251, 128, 39
RGB Percent	98%, 50%, 15%
CMY	0.0157, 0.4980, 0.8471
CMYK	0.00, 0.49, 0.84, 0.02
HSL	25°, 96%, 57%
HSV	25°, 84%, 98%
XYZ	47.8690, 36.0941, 6.3633
YIQ	154.6310, 101.8770, -1.6030

Conversions

Conversions Part 2

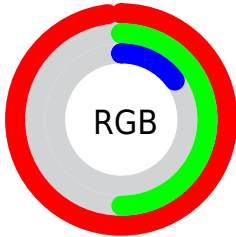
Format	Color
RYB	251, 192, 39
Decimal	16482343
CIELab	66.59, 41.81, 64.79
CIELCh	67, 77.106, 57.163
Yxy	36.0941, 0.5300, 0.3996
Android (android.graphics.Color)	4294672423 (0xFFFB8027)
YUV	154.6310, -57.0061, 84.5156
Hunter-Lab	60.0783, 37.0876, 35.7750

Details

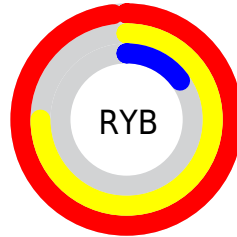
The Hex color **FB8027** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **27A2FB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB65D**, and **BB4C00** is the 20% darker color. If you saturate the color by 10%, you get **FB710E**, and if you desaturate by 10%, it is **FB8F40**.

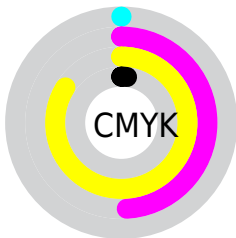
Distribution



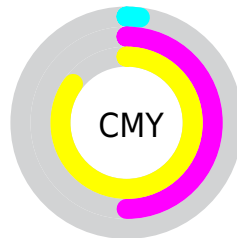
- Red (98%)
- Green (50%)
- Blue (15%)



- Red (98%)
- Yellow (75%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (84%)
- Black (2%)



- Cyan (2%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB8027 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 FB8027 by changing the saturation by 10% instead.

 FB8027

 FB8027

FFFFFF

 DB6602

 FFB65D

 BB4C00

 FFD378

 9C3200

 FFEF93

 7D1700

 FFFFAE

 5F0000

 FFFFCE

 420000

 FFFFEE

 280001

 000000

 FB8027

 FB8027

 FB710E

 FB8F40

 FB6900

 FB9D59

 FBAC72

 FBBA8B

 FBC9A5

 FBD7BE

 FBE6D7

 FBF5F0

 FBFFFF

Harmonies

Analogous

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



FF6167



FB8027



C79D00

Triad

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



FB8027



00C199



9192FF

Complementary

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



FB8027



27A2FB

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.



00ACFF



FB8027



00C1E0

Square

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



FB8027



00BC51



00BBFF



EE70EE

Rectangle

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



FB8027



9DAB00



00BBFF



599CFF

Sweetspot

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



FB8027



FFDABF



FB27A3



806959



000000



808080

Same Dimension

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



FB8027



FF6B00



FBE927



7D7670



BD4F00



3D1A00

Inverse Universe

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



27A2FB



0094FF



2739FB



70787D



006DBD



00243D

Previews

White Background



This preview shows how the Hex color FB8027 looks on a white background.

Color Contrast Check

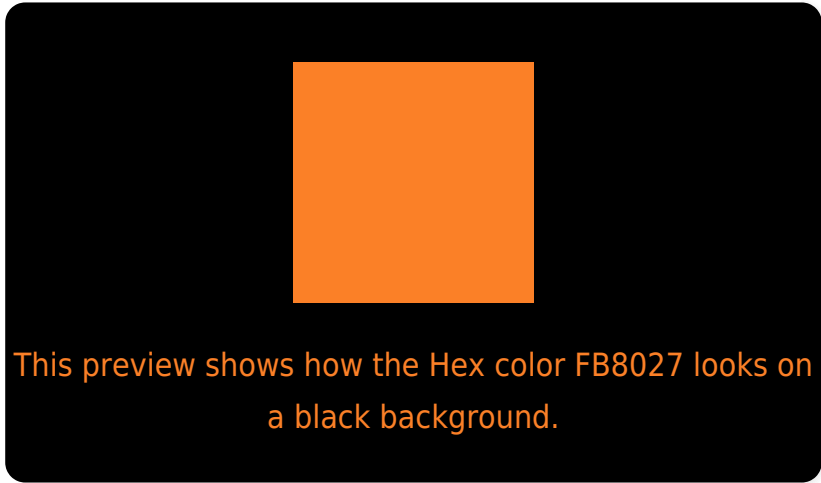
Large Text (above 18pt) WCAG AA × Fail

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 FB8027 Background



This preview shows how black text looks on a background with the Hex color FB8027.



This preview shows how white text looks on a background with the Hex color FB8027.

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
FB8027

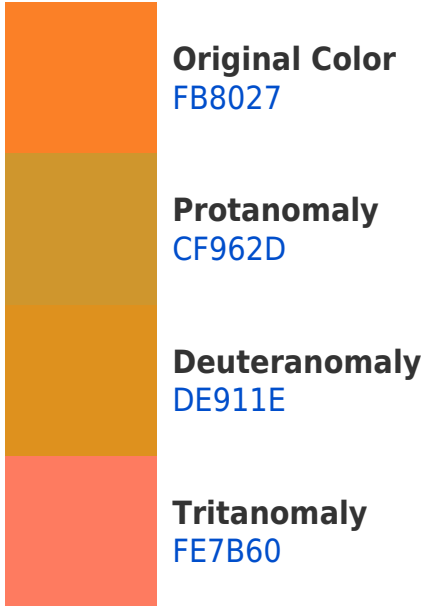
Protanopia
B6A330

Deuteranopia
CD9A19



Tritanopia
FF7880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB8027 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 #FB8027 looks like.

```
.text, #text, p{  
    color:#FB8027  
}
```

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 #FB8027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB8027
}
```

Border

The CSS property to change the border of an element to Hex FB8027 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
#FB8027 }
```

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

```
.border{ border-color:#FB8027 }
```

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

Here you see how a box with a 4 pixel #FB8027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB8027; -webkit-box-shadow:4px 4px  
4px 4px #FB8027; box-shadow:4px 4px 4px  
4px #FB8027 }
```

Background

The CSS property to change the background color of an element to Hex FB8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB8027 }
```

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

```
.background{ background-color:#FB8027 }
```

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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