

Converting Colors

Hex(FF8027)

Have a look what the booklet for
Hex(FF8027) contains.

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Color

Hex(F8027)

Conversions

Conversions Part 1

Format	Color
Hex	FF8027
RGB	255, 128, 39
RGB Percent	100%, 50%, 15%
CMY	0.0000, 0.4980, 0.8471
CMYK	0.00, 0.50, 0.85, 0.00
HSL	25°, 100%, 58%
HSV	25°, 85%, 100%
XYZ	49.3254, 36.8448, 6.4315
YIQ	155.8270, 104.2610, -0.7550

Conversions

Conversions Part 2

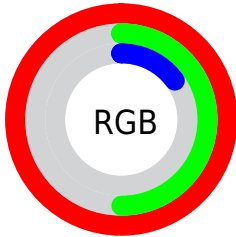
Format	Color
RYB	255, 190, 39
Decimal	16744487
CIELab	67.16, 43.35, 65.49
CIELCh	67, 78.540, 56.496
Yxy	36.8448, 0.5327, 0.3979
Android (android.graphics.Color)	4294934567 (0xFFFF8027)
YUV	155.8270, -57.5957, 86.9747
Hunter-Lab	60.6999, 38.8260, 36.2079

Details

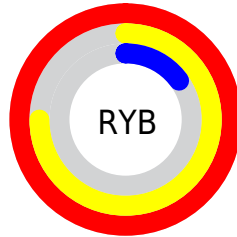
The Hex color **FF8027** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **27A6FF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB75D**, and **BF4C00** is the 20% darker color. If you saturate the color by 10%, you get **FF710E**, and if you desaturate by 10%, it is **FF8F41**.

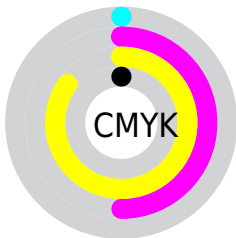
Distribution



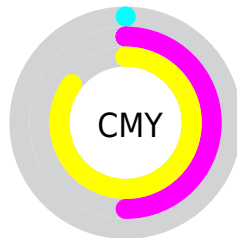
- Red (100%)
- Green (50%)
- Blue (15%)



- Red (100%)
- Yellow (75%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (85%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8027 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 FF8027 by changing the saturation by 10% instead.

 FF8027

 FF8027

FFFFFF

 DF6602


 FFB75D

 BF4C00

 FFD378

 A03200

 FFF093

 811500

 FFFF4F

 620000

 FFFFCB

 450000

 FFFF88

 2B0001

 000000

 FF8027

 FF8027

 FF710E

 FF8F41

 FF6900

 FF9E5A

 FFAD74

 FFBC8D

 FFCBA7

 FFDAC0

 FFE9DA

 FFF8F3

FFFFFF

Harmonies

Analogous

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



FF6069



FF8027



CB9E00

Triad

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



FF8027



00C399



8F94FF

Complementary

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



FF8027



27A6FF

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.



00AFFF



FF8027



00C3E1

Square

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



FF8027



00BD50



00BEFF



F071F3

Rectangle

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



FF8027



9FAC00



00BEFF



529EFF

Sweetspot

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



FF8027



FFDABF



FF27A9



806959



000000



808080

Same Dimension

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



FF8027



FF6900



FFE927



807873



BF4F00



401A00

Inverse Universe

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



27A6FF



0096FF



273DFF



737A80



0070BF



002540

Previews

White Background



This preview shows how the Hex color FF8027 looks on a white background.

Color Contrast Check

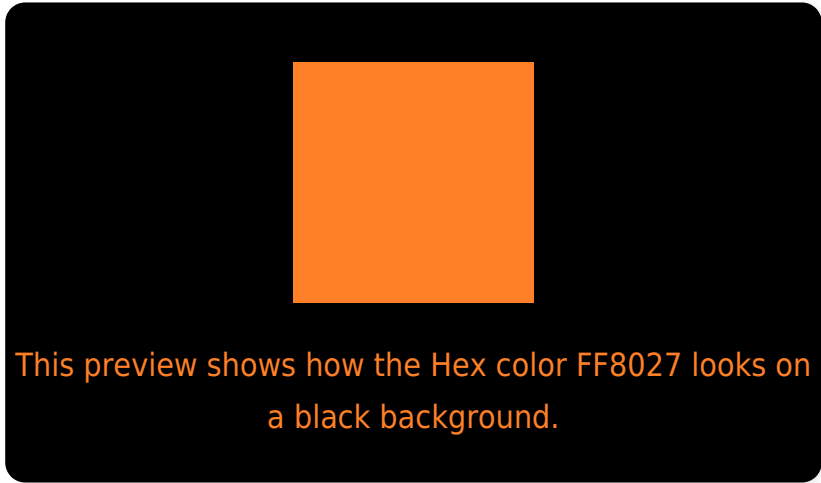
Large Text (above 18pt) WCAG AA × Fail

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 FF8027 Background



This preview shows how black text looks on a background with the Hex color FF8027.



This preview shows how white text looks on a background with the Hex color FF8027.

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
FF8027

Protanopia
B8A430

Deuteranopia
CF9B18



Tritanopia
FF7A82

Trichromacy



Original Color
FF8027

Protanomaly
D2972D

Deuteranomaly
E0911D

Tritanomaly
FF7C61

Monochromacy



Original Color
FF8027

Achromatopsia
9C9C9C

Achromatomaly
C09271

CSS Examples

Text

The CSS property to change the color of the text to Hex FF8027 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 #FF8027 looks like.

```
.text, #text, p{  
    color:#FF8027  
}
```

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 #FF8027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8027
}
```

Border

The CSS property to change the border of an element to Hex FF8027 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
#FF8027 }
```

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

```
.border{ border-color:#FF8027 }
```

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

Here you see how a box with a 4 pixel #FF8027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8027; -webkit-box-shadow:4px 4px  
4px 4px #FF8027; box-shadow:4px 4px 4px  
4px #FF8027 }
```

Background

The CSS property to change the background color of an element to Hex FF8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8027 }
```

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

```
.background{ background-color:#FF8027 }
```

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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