

Converting Colors

Hex(FF8322)

Have a look what the booklet for
Hex(FF8322) contains.

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Color

Hex(F8322)

Conversions

Conversions Part 1

Format	Color
Hex	FF8322
RGB	255, 131, 34
RGB Percent	100%, 51%, 13%
CMY	0.0000, 0.4863, 0.8667
CMYK	0.00, 0.49, 0.87, 0.00
HSL	26°, 100%, 57%
HSV	26°, 87%, 100%
XYZ	49.6450, 37.6081, 6.1559
YIQ	157.0180, 105.0410, -3.8790

Conversions

Conversions Part 2

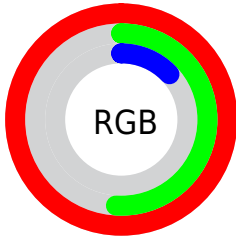
Format	Color
RYB	255, 207, 34
Decimal	16745250
CIELab	67.73, 41.76, 67.60
CIElCh	68, 79.461, 58.294
Yxy	37.6081, 0.5315, 0.4026
Android (android.graphics.Color)	4294935330 (0xFFFF8322)
YUV	157.0180, -60.6479, 85.9302
Hunter-Lab	61.3254, 37.1823, 36.9762

Details

The Hex color **FF8322** 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 **229EFF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBA5A**, and **BF4F00** is the 20% darker color. If you saturate the color by 10%, you get **FF7508**, and if you desaturate by 10%, it is **FF913B**.

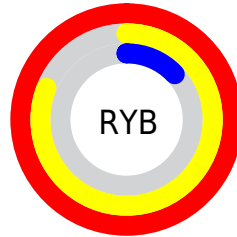
Distribution



Red (100%)

Green (51%)

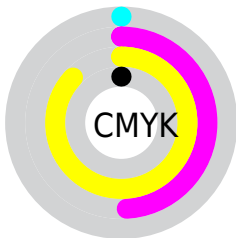
Blue (13%)



Red (100%)

Yellow (81%)

Blue (13%)

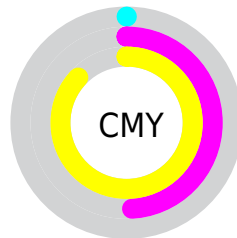


Cyan (0%)

Magenta (49%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8322 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 FF8322 by changing the saturation by 10% instead.

 FF8322

 FF8322

FFFFFF

 DF6900

 FFBA5A

 BF4F00

 FFD675

 A03500

 FFF390

 811A00

 FFFFAC

 630000

 FFFFC8

 460000

 FFFF E5

 2C0001

 000000

 FF8322

 FF8322

 FF7508

 FF913B

 FF7000

 FFA055

 FFAE6E

 FFBC88

 FFCBA2

 FFD9BB

 FFE7D4

 FFF5EE

FFFFFF

Harmonies

Analogous

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



FF6266



FF8322



C9A000

Triad

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



FF8322



00C59F



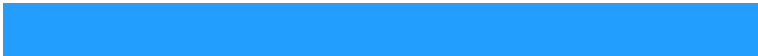
9894FF

Complementary

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



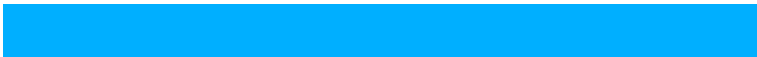
FF8322



229EFF

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



FF8322



00C5E7

Square

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



FF8322



00C054



00BFFF



F670F2

Rectangle

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



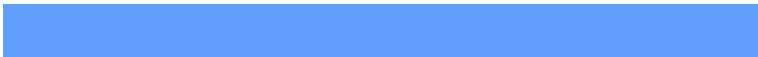
FF8322



9CAF00



00BFFF



609EFF

Sweetspot

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



FF8322



FFDABD



FF229F



806958



000000



808080

Same Dimension

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



FF8322



FF7000



FFF022



807873



BF5400



401C00

Inverse Universe

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



229EFF



008FFF



2231FF



737A80



006BBF



002440

Previews

White Background



This preview shows how the Hex color FF8322 looks on a white background.

Color Contrast Check

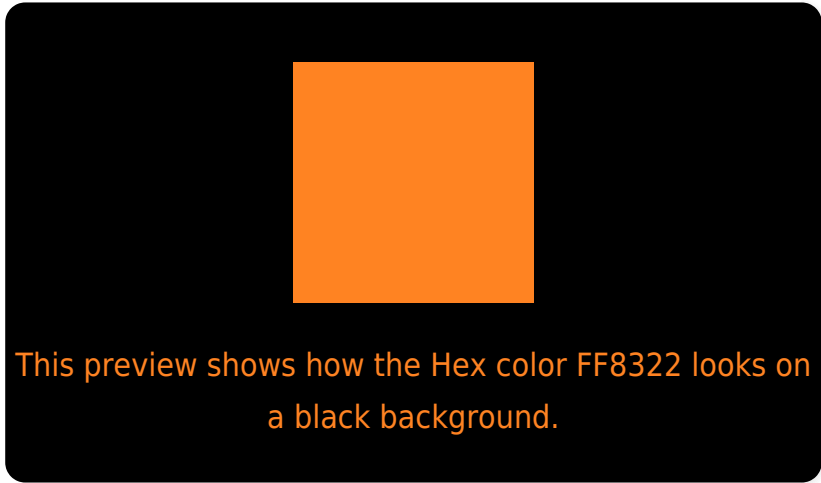
Large Text (above 18pt) WCAG AA × Fail

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 FF8322 Background



This preview shows how black text looks on a background with the Hex color FF8322.



This preview shows how white text looks on a background with the Hex color FF8322.

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
FF8322

Protanopia
BAA62B

Deuteranopia
D19D0F

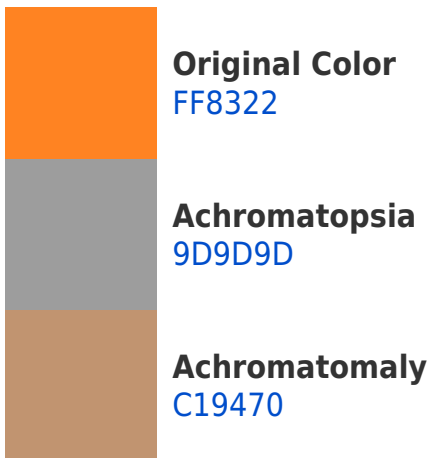


Tritanopia
FF7D85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8322 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 #FF8322 looks like.

```
.text, #text, p{  
    color:#FF8322  
}
```

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 #FF8322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8322
}
```

Border

The CSS property to change the border of an element to Hex FF8322 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
#FF8322 }
```

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

```
.border{ border-color:#FF8322 }
```

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

Here you see how a box with a 4 pixel #FF8322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8322; -webkit-box-shadow:4px 4px  
4px 4px #FF8322; box-shadow:4px 4px 4px  
4px #FF8322 }
```

Background

The CSS property to change the background color of an element to Hex FF8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8322 }
```

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

```
.background{ background-color:#FF8322 }
```

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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