

Converting Colors

Hex(FF8E00)

Have a look what the booklet for
Hex(FF8E00) contains.

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Color

Hex(F8E00)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E00
RGB	255, 142, 0
RGB Percent	100%, 56%, 0%
CMY	0.0000, 0.4431, 1.0000
CMYK	0.00, 0.44, 1.00, 0.00
HSL	33°, 100%, 50%
HSV	33°, 100%, 100%
XYZ	50.9130, 40.6060, 5.1543
YIQ	159.5990, 112.9300, -20.2060

Conversions

Conversions Part 2

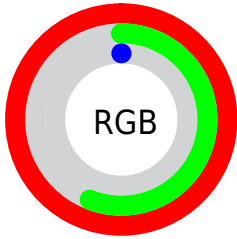
Format	Color
R _Y B	203, 255, 0
Decimal	16748032
CIE Lab	69.90, 35.81, 75.75
CIE LCh	70, 83.792, 64.696
Yxy	40.6060, 0.5266, 0.4200
Android (android.graphics.Color)	4294938112 (0xFFFF8E00)
YUV	159.5990, -78.6823, 83.6667
Hunter-Lab	63.7228, 31.1022, 39.8102

Details

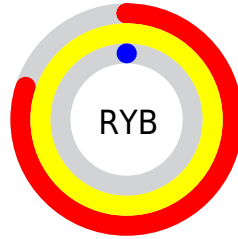
The Hex color **FF8E00** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **0071FF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFC54B**, and **BF5A00** is the 20% darker color. If you saturate the color by 10%, you get **FF8E00**, and if you desaturate by 10%, it is **FF9919**.

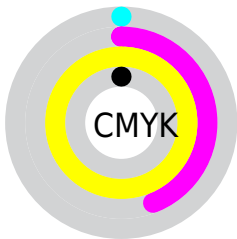
Distribution



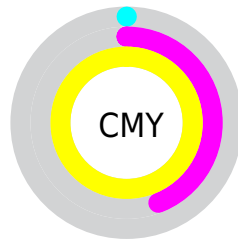
- Red (100%)
- Green (56%)
- Blue (0%)



- Red (80%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8E00 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 FF8E00 by changing the saturation by 10% instead.

 FF8E00

 FF8E00

FFFFFF

 DF7400

 FFC54B

 BF5A00

 FFE167

 A04200

 FFFE83

 812900

 FFFF9F

 630F00

 FFFFBC

 460000

 FFFFD8

 2F0002

 FFFFF6

 000000

 FF8E00

 FF9919

 FFA533

 FFB04D

 FFBB66

 FFC780

 FFD299

 FFDDB3

 FFE8CC

 FFF4E6

Harmonies

Analogous

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



FF6A58



FF8E00



C2AB00

Triad

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



FF8E00



00CDB5



B891FF

Complementary

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



FF8E00



0071FF

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.



00B0FF



FF8E00



00CCFF

Square

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



FF8E00



00C966



00C4FF



FF6AED

Rectangle

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



FF8E00



90B900



00C4FF



899DFF

Sweetspot

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



FF8E00



FFDDB3



FF0073



806B52



000000



808080

Same Dimension

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



FF8E00



F2FF00



807A73



BF6B00



402400

Inverse Universe

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



0071FF



0D00FF



737880



0055BF



001C40

Previews

White Background



This preview shows how the Hex color FF8E00 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 FF8E00 Background



This preview shows how black text looks on a background with the Hex color FF8E00.



This preview shows how white text looks on a background with the Hex color FF8E00.

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
FF8E00

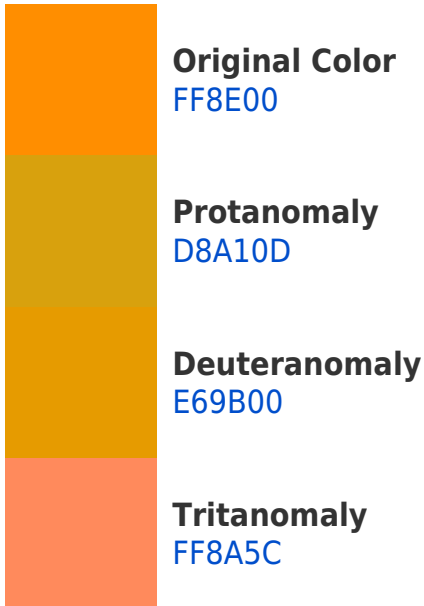
Protanopia
C1AC15

Deuteranopia
D8A200



Tritanopia
FF8790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8E00 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 #FF8E00 looks like.

```
.text, #text, p{  
    color:#FF8E00  
}
```

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 #FF8E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8E00
}
```

Border

The CSS property to change the border of an element to Hex FF8E00 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
#FF8E00 }
```

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

```
.border{ border-color:#FF8E00 }
```

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

Here you see how a box with a 4 pixel #FF8E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8E00; -webkit-box-shadow:4px 4px  
4px 4px #FF8E00; box-shadow:4px 4px 4px  
4px #FF8E00 }
```

Background

The CSS property to change the background color of an element to Hex FF8E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8E00 }
```

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

```
.background{ background-color:#FF8E00 }
```

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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