

Converting Colors

Hex(F7852A)

Have a look what the booklet for
Hex(F7852A) contains.

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Color

Hex(F7852A)

Conversions

Conversions Part 1

Format	Color
Hex	F7852A
RGB	247, 133, 42
RGB Percent	97%, 52%, 16%
CMY	0.0314, 0.4784, 0.8353
CMYK	0.00, 0.46, 0.83, 0.03
HSL	27°, 93%, 57%
HSV	27°, 83%, 97%
XYZ	47.1632, 36.7164, 6.7917
YIQ	156.7120, 97.1550, -4.1330

Conversions

Conversions Part 2

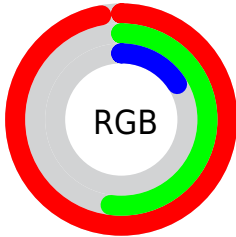
Format	Color
RYB	247, 206, 42
Decimal	16221482
CIELab	67.06, 37.81, 63.90
CIElCh	67, 74.245, 59.384
Yxy	36.7164, 0.5202, 0.4049
Android (android.graphics.Color)	4294411562 (0xFFFF7852A)
YUV	156.7120, -56.5530, 79.1826
Hunter-Lab	60.5940, 32.8954, 35.7703

Details

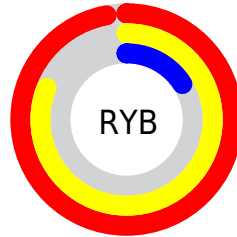
The Hex color **F7852A** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2A9CF7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBB60**, and **B85100** is the 20% darker color. If you saturate the color by 10%, you get **F77711**, and if you desaturate by 10%, it is **F79343**.

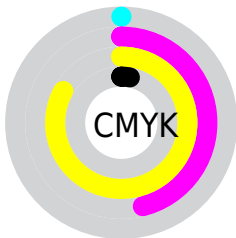
Distribution



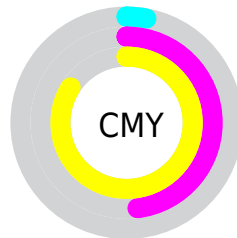
- Red (97%)
- Green (52%)
- Blue (16%)



- Red (97%)
- Yellow (81%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (83%)
- Black (3%)



- Cyan (3%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7852A 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 F7852A by changing the saturation by 10% instead.

 F7852A

 F7852A

FFFFFF

 D76B07

 FFBB60

 B85100

 FFD77A

 993800

 FFF496

 7A1F00

 FFFFB1

 5D0100

 FFFFCE

 400000

 FFFFEA

 270001

 000000

 F7852A

 F7852A

 F77711

 F79343

 F76E00

 F7A05B

 F7AE74

 F7BC8D

 F7CAA6

 F7D7BE

 F7E5D7

 F7F3F0

 F7FFFF

Harmonies

Analogous

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



FF6866



F7852A



C4A000

Triad

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



F7852A



00C2A0



9D92FF

Complementary

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



F7852A



2A9CF7

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



F7852A



00C1E3

Square

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



F7852A



00BD5B



00BBFF



F272E8

Rectangle

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



F7852A



9AAD00



00BBFF



6F9CFF

Sweetspot

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



F7852A



FFDCBF



F72A9E



806A59



000000



808080

Same Dimension

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



F7852A



FF7100



F7E92A



7A746E



BA5300



3B1A00

Inverse Universe

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



2A9CF7



008EFF



2A38F7



6E757A



0068BA



00213B

Previews

White Background



This preview shows how the Hex color F7852A looks on a white background.

Color Contrast Check

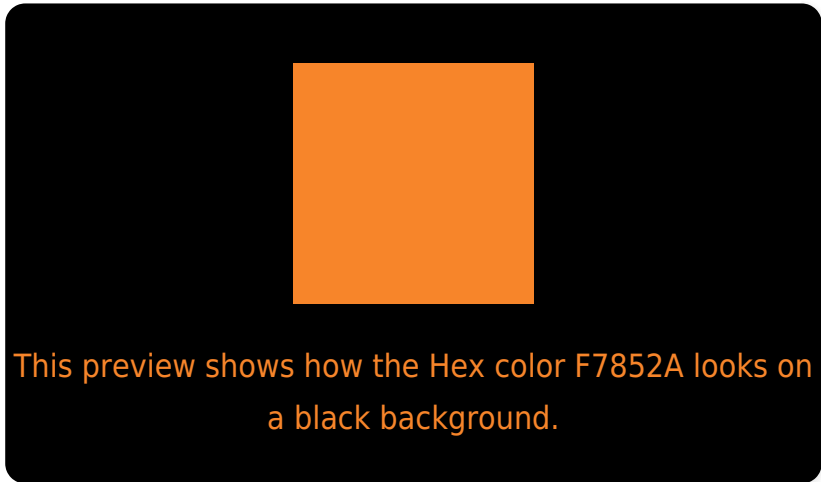
Large Text (above 18pt) WCAG AA × Fail

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 F7852A Background



This preview shows how black text looks on a background with the Hex color F7852A.



This preview shows how white text looks on a background with the Hex color F7852A.

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
F7852A

Protanopia
B7A432

Deuteranopia
CE9B20



Tritanopia
FB7C85

Trichromacy



Original Color
F7852A

Protanomaly
CE992F

Deuteranomaly
DD9324

Tritanomaly
FA7F64

Monochromacy



Original Color
F7852A

Achromatopsia
9D9D9D

Achromatomaly
BE9473

CSS Examples

Text

The CSS property to change the color of the text to Hex F7852A 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 #F7852A looks like.

```
.text, #text, p{  
    color:#F7852A  
}
```

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 #F7852A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7852A
}
```

Border

The CSS property to change the border of an element to Hex F7852A 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
#F7852A }
```

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

```
.border{ border-color:#F7852A }
```

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

Here you see how a box with a 4 pixel #F7852A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7852A; -webkit-box-shadow:4px 4px  
4px 4px #F7852A; box-shadow:4px 4px 4px  
4px #F7852A }
```

Background

The CSS property to change the background color of an element to Hex F7852A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7852A }
```

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

```
.background{ background-color:#F7852A }
```

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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