

Converting Colors

Hex(F7A623)

Have a look what the booklet for
Hex(F7A623) contains.

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Color

Hex(F7A623)

Conversions

Conversions Part 1

Format	Color
Hex	F7A623
RGB	247, 166, 35
RGB Percent	97%, 65%, 14%
CMY	0.0314, 0.3490, 0.8627
CMYK	0.00, 0.33, 0.86, 0.03
HSL	37°, 93%, 55%
HSV	37°, 86%, 97%
XYZ	52.2974, 47.1679, 7.9381
YIQ	175.2850, 90.3270, -23.5690

Conversions

Conversions Part 2

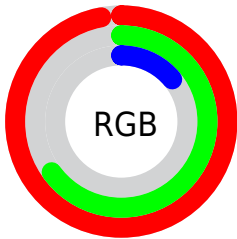
Format	Color
RYB	166, 247, 35
Decimal	16229923
CIELab	74.30, 20.51, 72.13
CIElCh	74, 74.992, 74.131
Yxy	47.1679, 0.4869, 0.4392
Android (android.graphics.Color)	4294420003 (0xFFFF7A623)
YUV	175.2850, -69.1605, 62.8941
Hunter-Lab	68.6789, 15.7354, 41.2224

Details

The Hex color **F7A623** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2374F7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDD5E**, and **B97200** is the 20% darker color. If you saturate the color by 10%, you get **F79D0A**, and if you desaturate by 10%, it is **F7AF3C**.

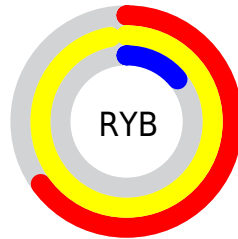
Distribution



Red (97%)

Green (65%)

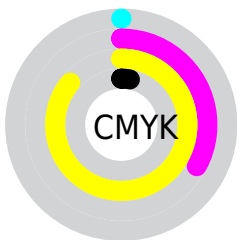
Blue (14%)



Red (65%)

Yellow (97%)

Blue (14%)

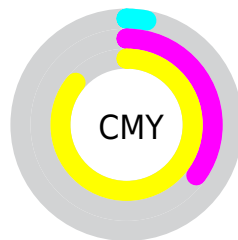


Cyan (0%)

Magenta (33%)

Yellow (86%)

Black (3%)



Cyan (3%)

Magenta (35%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7A623 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 F7A623 by changing the saturation by 10% instead.

 F7A623

 F7A623

FFFFFF

 D88C00

 FFDD5E

 B97200

 FFFA7A

 9B5A00

 FFFF96

 7D4200

 FFFFB2

 602C00

 FFFFCF

 441600

 FFFFEC

 2B0000

 000000

 F7A623

 F7A623

 F79D0A

 F7AF3C

 F79900

 F7B954

 F7C26D

 F7CC86

 F7D59F

 F7DFB7

 F7E8D0

 F7F1E9

 F7FBFF

Harmonies

Analogous

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



FF8959



F7A623



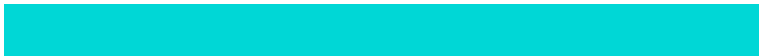
BABE15

Triad

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



F7A623



00D7D6



E396FF

Complementary

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



F7A623



2374F7

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.



66B3FF



F7A623



00D4FF

Square

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



F7A623



00D58F



00C9FF



FF79DE

Rectangle

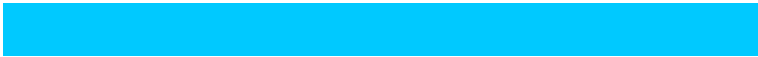
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7A623



89C938



00C9FF



C4A0FF

Sweetspot

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



F7A623



FFE6BD



F72374



807058



000000



808080

Same Dimension

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



F7A623



FF9E00



DEF723



7A766E



BA7300



3B2400

Inverse Universe

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



2374F7



0061FF



3C23F7



6E737A



0047BA



00163B

Previews

White Background



This preview shows how the Hex color F7A623 looks on a white background.

Color Contrast Check

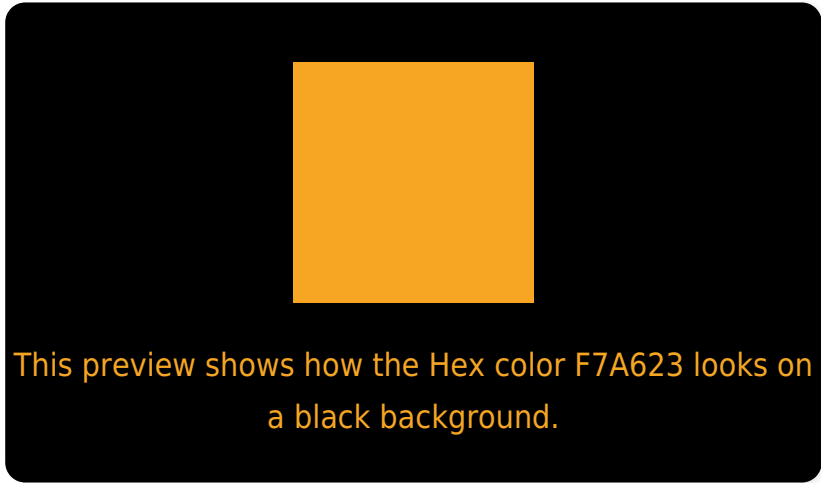
Large Text (above 18pt) WCAG AA × Fail

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 F7A623 Background



This preview shows how black text looks on a background with the Hex color F7A623.



This preview shows how white text looks on a background with the Hex color F7A623.

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
F7A623

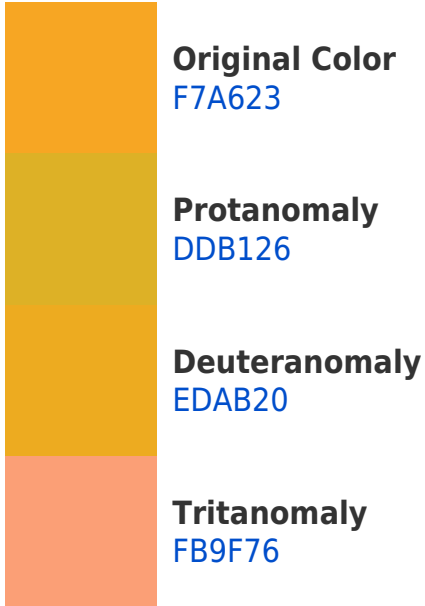
Protanopia
CEB828

Deuteranopia
E7AE1E

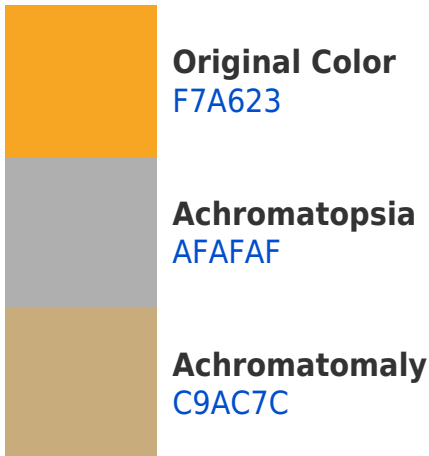


Tritanopia
FE9BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7A623 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 #F7A623 looks like.

```
.text, #text, p{  
    color:#F7A623  
}
```

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 #F7A623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A623
}
```

Border

The CSS property to change the border of an element to Hex F7A623 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
#F7A623 }
```

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

```
.border{ border-color:#F7A623 }
```

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

Here you see how a box with a 4 pixel #F7A623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A623; -webkit-box-shadow:4px 4px  
4px 4px #F7A623; box-shadow:4px 4px 4px  
4px #F7A623 }
```

Background

The CSS property to change the background color of an element to Hex F7A623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A623 }
```

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

```
.background{ background-color:#F7A623 }
```

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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