

Converting Colors

Hex(F78A0A)

Have a look what the booklet for
Hex(F78A0A) contains.

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Color

Hex(F78A0A)

Conversions

Conversions Part 1

Format	Color
Hex	F78A0A
RGB	247, 138, 10
RGB Percent	97%, 54%, 4%
CMY	0.0314, 0.4588, 0.9608
CMYK	0.00, 0.44, 0.96, 0.03
HSL	32°, 94%, 50%
HSV	32°, 96%, 97%
XYZ	47.5010, 37.9730, 5.1131
YIQ	155.9990, 106.0520, -16.7000

Conversions

Conversions Part 2

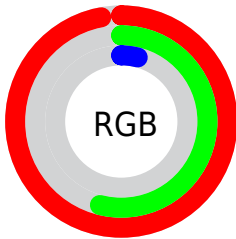
Format	Color
R _{YB}	212, 247, 10
Decimal	16222730
CIE Lab	68.00, 34.72, 72.67
CIE LCh	68, 80.539, 64.466
Yxy	37.9730, 0.5244, 0.4192
Android (android.graphics.Color)	4294412810 (0xFFFF78A0A)
YUV	155.9990, -71.9775, 79.8079
Hunter-Lab	61.6223, 29.7564, 38.2160

Details

The Hex color **F78A0A** 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 **0A77F7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC04D**, and **B85700** is the 20% darker color. If you saturate the color by 10%, you get **F78500**, and if you desaturate by 10%, it is **F79523**.

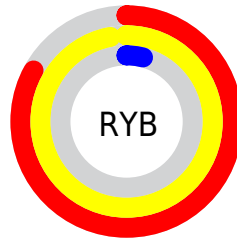
Distribution



Red (97%)

Green (54%)

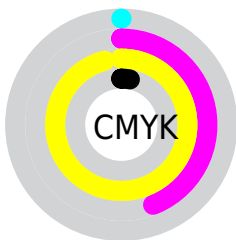
Blue (4%)



Red (83%)

Yellow (97%)

Blue (4%)

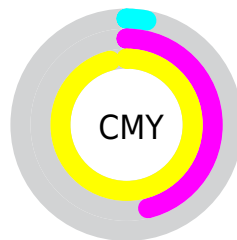


Cyan (0%)

Magenta (44%)

Yellow (96%)

Black (3%)



Cyan (3%)

Magenta (46%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F78A0A 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 F78A0A by changing the saturation by 10% instead.

 F78A0A

 F78A0A

FFFFFF

 D77000

 FFC04D

 B85700

 FFDC69

 993E00

 FFF985

 7A2600

 FFFFA1

 5C0B00

 FFFFBD

 400000

 FFFFDA

 270001

 FFFFF7

 000000

 F78A0A

 F78A0A

 F78500

 F79523

 F7A13B

 F7AC54

 F7B76D

 F7C385

 F7CE9E

 F7DAB7

 F7E5D0

 F7F0E8

Harmonies

Analogous

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



FF6858



F78A0A



BDA600

Triad

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



F78A0A



00C6AF



B28DFE

Complementary

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



F78A0A



0A77F7

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.



00ABFF



F78A0A



00C5F7

Square

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



F78A0A



00C263



00BEFF



FF68E6

Rectangle

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



F78A0A



8DB300



00BEFF



8598FF

Sweetspot

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



F78A0A



FFDDB5



F70A79



806B53



000000



808080

Same Dimension

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



F78A0A



FF8A00



EFF70A



7A756E



BA6500



3B2000

Inverse Universe

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



0A77F7



0075FF



120AF7



6E747A



0056BA



001B3B

Previews

White Background



This preview shows how the Hex color F78A0A looks on a white background.

Color Contrast Check

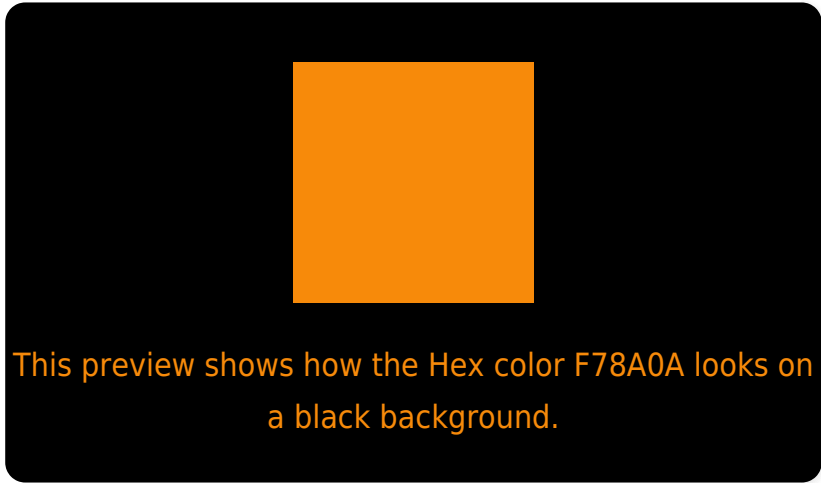
Large Text (above 18pt) WCAG AA × Fail

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 F78A0A Background



This preview shows how black text looks on a background with the Hex color F78A0A.



This preview shows how white text looks on a background with the Hex color F78A0A.

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
F78A0A

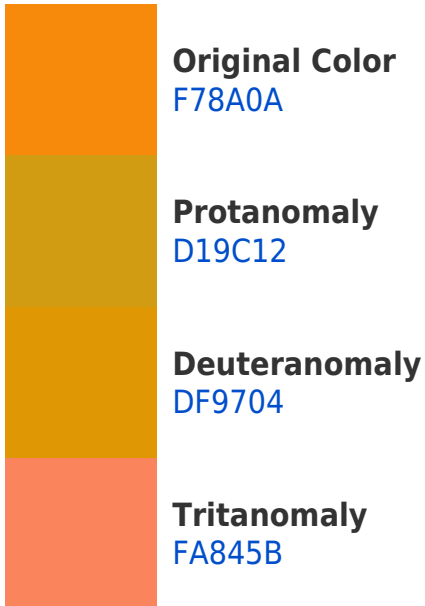
Protanopia
BBA716

Deuteranopia
D29E00



Tritanopia
FC8089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F78A0A 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 #F78A0A looks like.

```
.text, #text, p{  
    color:#F78A0A  
}
```

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 #F78A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78A0A
}
```

Border

The CSS property to change the border of an element to Hex F78A0A 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
#F78A0A }
```

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

```
.border{ border-color:#F78A0A }
```

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

Here you see how a box with a 4 pixel #F78A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78A0A; -webkit-box-shadow:4px 4px  
4px 4px #F78A0A; box-shadow:4px 4px 4px  
4px #F78A0A }
```

Background

The CSS property to change the background color of an element to Hex F78A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78A0A }
```

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

```
.background{ background-color:#F78A0A }
```

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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