

Converting Colors

Hex(F0810A)

Have a look what the booklet for
Hex(F0810A) contains.

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Color

Hex(F0810A)

Conversions

Conversions Part 1

Format	Color
Hex	F0810A
RGB	240, 129, 10
RGB Percent	94%, 51%, 4%
CMY	0.0588, 0.4941, 0.9608
CMYK	0.00, 0.46, 0.96, 0.06
HSL	31°, 92%, 49%
HSV	31°, 96%, 94%
XYZ	43.8402, 34.2477, 4.5870
YIQ	148.6230, 104.3550, -13.4770

Conversions

Conversions Part 2

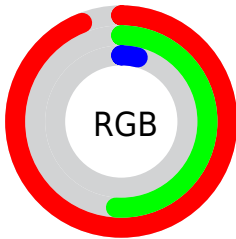
Format	Color
R _Y B	225, 240, 10
Decimal	15761674
CIE Lab	65.16, 36.50, 70.34
CIE LCh	65, 79.244, 62.575
Yxy	34.2477, 0.5303, 0.4142
Android (android.graphics.Color)	4293951754 (0xFFFF0810A)
YUV	148.6230, -68.3411, 80.1376
Hunter-Lab	58.5215, 31.3070, 36.3178

Details

The Hex color **F0810A** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **0A79F0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB74C**, and **B14E00** is the 20% darker color. If you saturate the color by 10%, you get **F07C00**, and if you desaturate by 10%, it is **F08D22**.

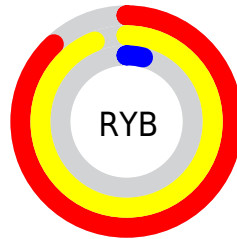
Distribution



Red (94%)

Green (51%)

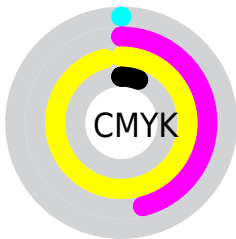
Blue (4%)



Red (88%)

Yellow (94%)

Blue (4%)

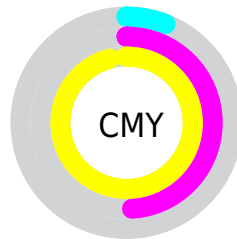


Cyan (0%)

Magenta (46%)

Yellow (96%)

Black (6%)



Cyan (6%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0810A 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 F0810A by changing the saturation by 10% instead.

 F0810A

 F0810A

FFFFFF

 D06700

 FFB74C

 B14E00

 FFD367

 923500

 FFF082

 731C00

 FFFF9E

 560000

 FFFFBA

 3A0000

 FFFFD7

 1D0001

 FFFFF4

 000000

 F0810A

 F0810A

 F07C00

 F08D22

 F0983A

 F0A452

 F0AF6A

 F0BB82

 F0C69A

 F0D2B2

 F0DECA

 F0E9E2

Harmonies

Analogous

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



FF5F56



F0810A



B89D00

Triad

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



F0810A



00BEA2



A388FF

Complementary

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



F0810A



0A79F0

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.



00A5FF



F0810A



00BDE9

Square

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



F0810A



00B958



00B6FF



F764E1

Rectangle

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



F0810A



8BAA00



00B6FF



7393FF

Sweetspot

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



F0810A



FFDBB5



F00A79



806A53



000000



808080

Same Dimension

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



F0810A



FF8400



ECF00A



78726C



B85F00



381D00

Inverse Universe

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



0A79F0



007BFF



0E0AF0



6C7278



0059B8



001B38

Previews

White Background



This preview shows how the Hex color F0810A looks on a white background.

Color Contrast Check

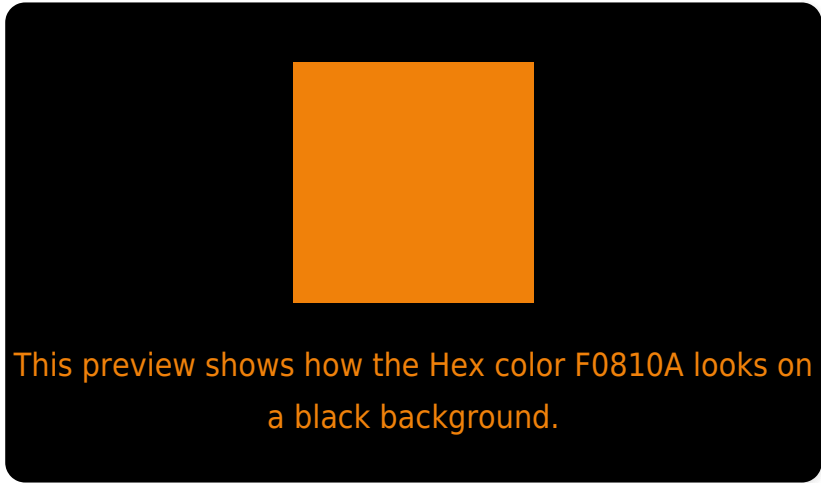
Large Text (above 18pt) WCAG AA × Fail

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 F0810A Background



This preview shows how black text looks on a background with the Hex color F0810A.



This preview shows how white text looks on a background with the Hex color F0810A.

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
F0810A

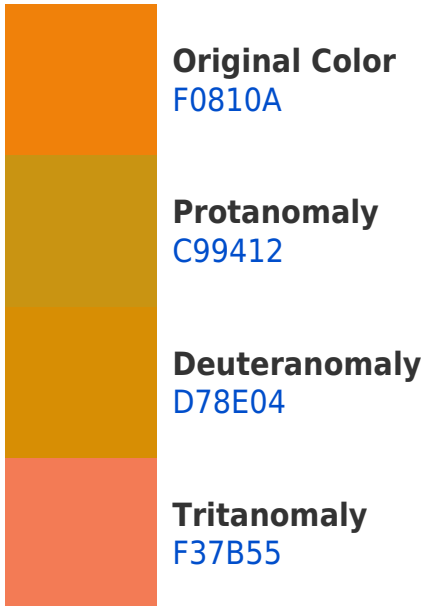
Protanopia
B39F16

Deuteranopia
C89600

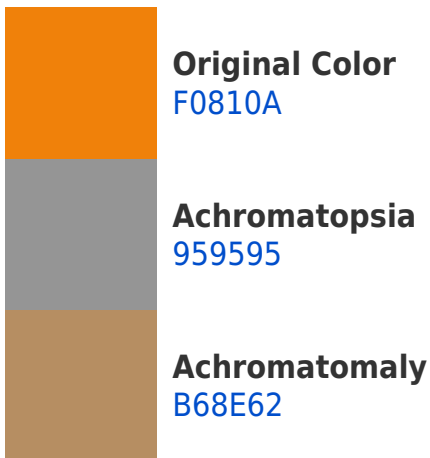


Tritanopia
F47880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0810A 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 #F0810A looks like.

```
.text, #text, p{  
    color:#F0810A  
}
```

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 #F0810A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0810A
}
```

Border

The CSS property to change the border of an element to Hex F0810A 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
#F0810A }
```

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

```
.border{ border-color:#F0810A }
```

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

Here you see how a box with a 4 pixel #F0810A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0810A; -webkit-box-shadow:4px 4px  
4px 4px #F0810A; box-shadow:4px 4px 4px  
4px #F0810A }
```

Background

The CSS property to change the background color of an element to Hex F0810A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0810A }
```

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

```
.background{ background-color:#F0810A }
```

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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