

Converting Colors

Hex(F0A02B)

Have a look what the booklet for
Hex(F0A02B) contains.

Hex(F0A02B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F0A02B)

Conversions

Conversions Part 1

Format	Color
Hex	F0A02B
RGB	240, 160, 43
RGB Percent	94%, 63%, 17%
CMY	0.0588, 0.3725, 0.8314
CMYK	0.00, 0.33, 0.82, 0.06
HSL	36°, 87%, 55%
HSV	36°, 82%, 94%
XYZ	48.9420, 43.8413, 8.1682
YIQ	170.5820, 85.2370, -19.4270

Conversions

Conversions Part 2

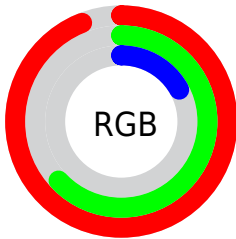
Format	Color
R _Y B	178, 240, 43
Decimal	15769643
CIE Lab	72.12, 20.92, 67.58
CIE LCh	72, 70.749, 72.799
Yxy	43.8413, 0.4848, 0.4343
Android (android.graphics.Color)	4293959723 (0xFFFF0A02B)
YUV	170.5820, -62.8979, 60.8796
Hunter-Lab	66.2128, 16.0683, 39.0348

Details

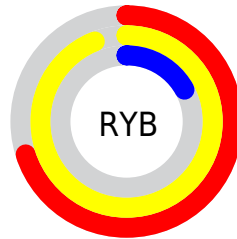
The Hex color **F0A02B** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **2B7BF0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD763**, and **B26C00** is the 20% darker color. If you saturate the color by 10%, you get **F09613**, and if you desaturate by 10%, it is **F0AA43**.

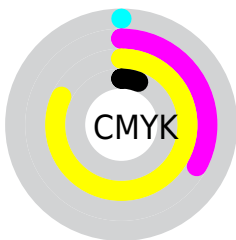
Distribution



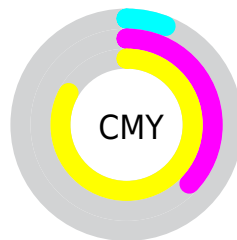
- Red (94%)
- Green (63%)
- Blue (17%)



- Red (70%)
- Yellow (94%)
- Blue (17%)



- Cyan (0%)
- Magenta (33%)
- Yellow (82%)
- Black (6%)



- Cyan (6%)
- Magenta (37%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A02B 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 F0A02B by changing the saturation by 10% instead.

 F0A02B

 F0A02B

FFFFFF

 D18602

 FFD763

 B26C00

 FFF37E

 945400

 FFFF9A

 773D00

 FFFFB6

 5A2600

 FFFFD3

 3E1100

 FFFFF0

 270000

 000000

 F0A02B

 F0A02B

 F09613

 F0AA43

 F08F00

 F0B35B

 F0BD73

 F0C78B

 F0D1A3

 F0DABB

 F0E4D3

 F0EEEE

 F0F8FF

Harmonies

Analogous

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



FF855C



F0A02B



B8B61E

Triad

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



F0A02B



00DOCC



D793FF

Complementary

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



F0A02B



2B7BF0

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.



61AFFF



F0A02B



00CDFF

Square

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



F0A02B



00CD88



00C2FF



FF79D9

Rectangle

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



F0A02B



8AC139



00C2FF



B99DFF

Sweetspot

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



F0A02B



FFE5BF



F02B7D



807059



000000



808080

Same Dimension

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



F0A02B



FF9803



E0F02B



78736C



B86D00



382100

Inverse Universe

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



2B7BF0



0369FF



3B2BF0



6C7178



004BB8



001738

Previews

White Background



This preview shows how the Hex color F0A02B looks on a white background.

Color Contrast Check

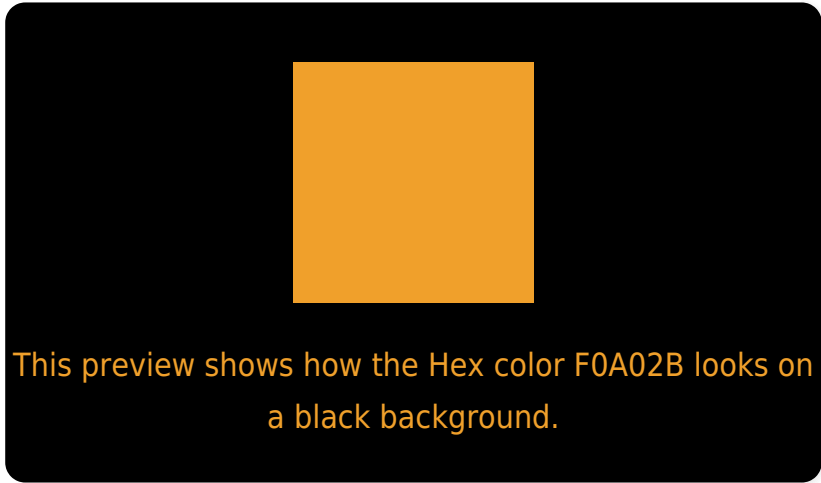
Large Text (above 18pt) WCAG AA × Fail

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 F0A02B Background



This preview shows how black text looks on a background with the Hex color F0A02B.



This preview shows how white text looks on a background with the Hex color F0A02B.

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
F0A02B

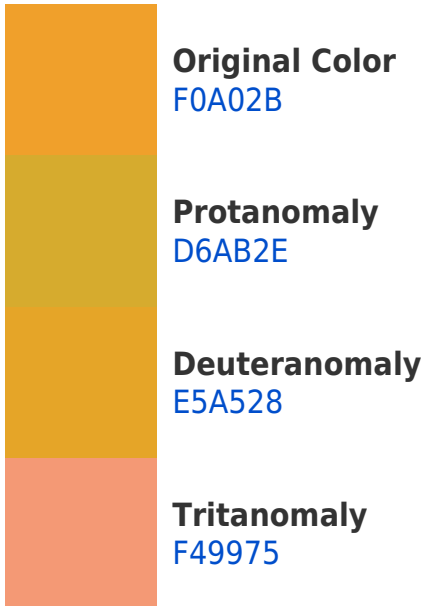
Protanopia
C7B230

Deuteranopia
DFA827

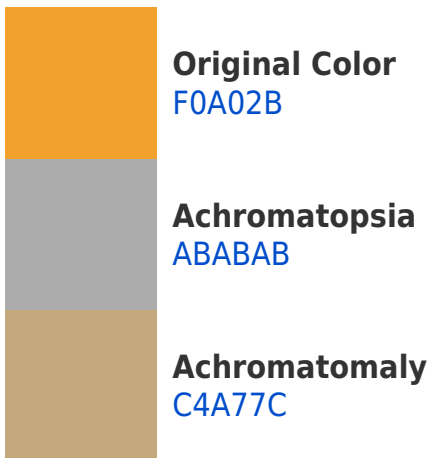


Tritanopia
F695A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0A02B 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 #F0A02B looks like.

```
.text, #text, p{  
    color:#F0A02B  
}
```

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 #F0A02B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A02B
}
```

Border

The CSS property to change the border of an element to Hex F0A02B 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
#F0A02B }
```

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

```
.border{ border-color:#F0A02B }
```

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

Here you see how a box with a 4 pixel #F0A02B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A02B; -webkit-box-shadow:4px 4px  
4px 4px #F0A02B; box-shadow:4px 4px 4px  
4px #F0A02B }
```

Background

The CSS property to change the background color of an element to Hex F0A02B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A02B }
```

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

```
.background{ background-color:#F0A02B }
```

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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