

Converting Colors

Hex(F0BE3A)

Have a look what the booklet for
Hex(F0BE3A) contains.

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Color

Hex(F0BE3A)

Conversions

Conversions Part 1

Format	Color
Hex	F0BE3A
RGB	240, 190, 58
RGB Percent	94%, 75%, 23%
CMY	0.0588, 0.2549, 0.7725
CMYK	0.00, 0.21, 0.76, 0.06
HSL	44°, 86%, 58%
HSV	44°, 76%, 94%
XYZ	55.1124, 55.6577, 11.8413
YIQ	189.9020, 72.1720, -30.4520

Conversions

Conversions Part 2

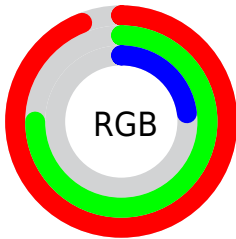
Format	Color
RYB	127, 240, 58
Decimal	15777338
CIELab	79.42, 5.65, 69.05
CIELCh	79, 69.281, 85.320
Yxy	55.6577, 0.4495, 0.4539
Android (android.graphics.Color)	4293967418 (0xFFFF0BE3A)
YUV	189.9020, -65.0277, 43.9359
Hunter-Lab	74.6041, 1.3064, 42.8123

Details

The Hex color **F0BE3A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3A6CF0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF672**, and **B38900** is the 20% darker color. If you saturate the color by 10%, you get **F0B722**, and if you desaturate by 10%, it is **F0C552**.

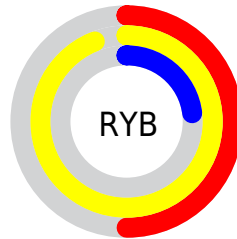
Distribution



Red (94%)

Green (75%)

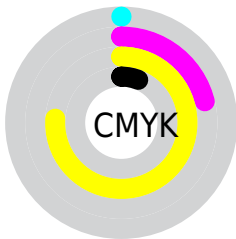
Blue (23%)



Red (50%)

Yellow (94%)

Blue (23%)

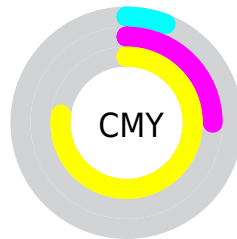


Cyan (0%)

Magenta (21%)

Yellow (76%)

Black (6%)



Cyan (6%)

Magenta (25%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0BE3A 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 F0BE3A by changing the saturation by 10% instead.

 F0BE3A

 F0BE3A

FFFFFF

 D2A319

 FFF672

 B38900

 FFFF8E

 967000

 FFFFAA

 795800

 FFFFC6

 5D4100

 FFFFE4

 422B00

 281700

 080000

 000000

 F0BE3A

 F0BE3A

 F0B722

 F0C552

 F0B10A

 F0CB6A

 F0AE00

 F0D282

 F0D89A

 F0DFB2

 F0E6CA

 F0ECE2

 F0F3FA

 F0F9FF

Harmonies

Analogous

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



FFA55B



F0BE3A



B2D147

Triad

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



F0BE3A



00E4FA



FF9DFF

Complementary

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



F0BE3A



3A6CF0

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.



B5B8FF



F0BE3A



00DDFF

Square

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



F0BE3A



00E3B8



00CFFF



FF8AD2

Rectangle

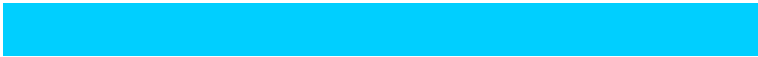
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0BE3A



7EDA65



00CFFF



F3A6FF

Sweetspot

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



F0BE3A



FFEFC4



F03A6E



80765C



000000



808080

Same Dimension

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



F0BE3A



FFBF17



C9F03A



78756C



B88500



382900

Inverse Universe

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



3A6CF0



1757FF



613AF0



6C6F78



0032B8



000F38

Previews

White Background



This preview shows how the Hex color F0BE3A looks on a white background.

Color Contrast Check

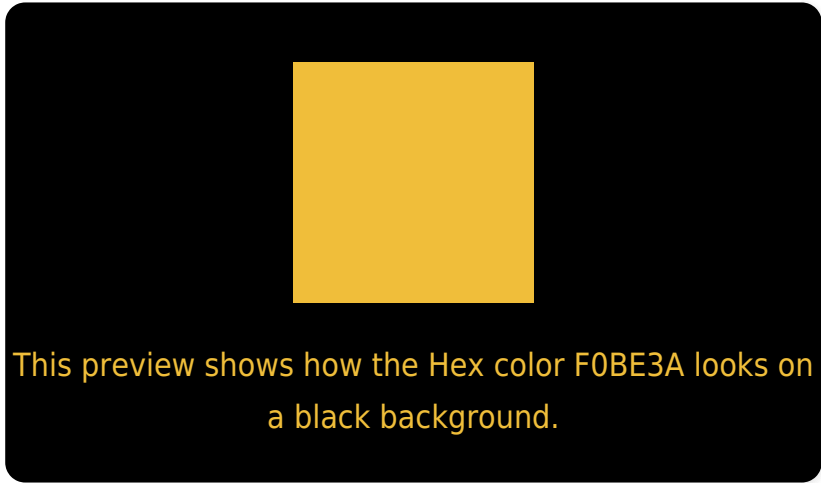
Large Text (above 18pt) WCAG AA × Fail

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 F0BE3A Background



This preview shows how black text looks on a background with the Hex color F0BE3A.



This preview shows how white text looks on a background with the Hex color F0BE3A.

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
F0BE3A

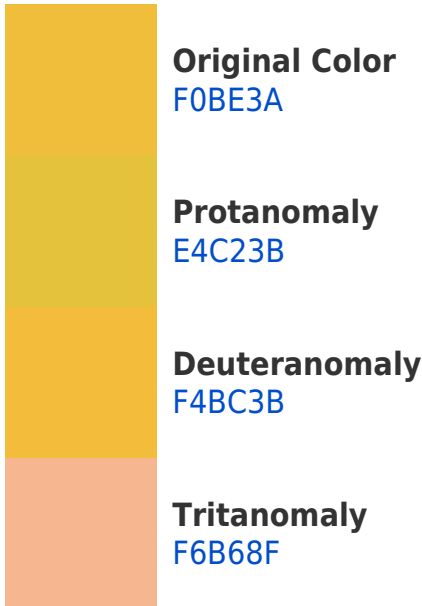
Protanopia
DDC53C

Deuteranopia
F7BB3B



Tritanopia
F9B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0BE3A 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 #F0BE3A looks like.

```
.text, #text, p{  
    color:#F0BE3A  
}
```

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 #F0BE3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0BE3A
}
```

Border

The CSS property to change the border of an element to Hex F0BE3A 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
#F0BE3A }
```

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

```
.border{ border-color:#F0BE3A }
```

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

Here you see how a box with a 4 pixel #F0BE3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0BE3A; -webkit-box-shadow:4px 4px  
4px 4px #F0BE3A; box-shadow:4px 4px 4px  
4px #F0BE3A }
```

Background

The CSS property to change the background color of an element to Hex F0BE3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0BE3A }
```

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

```
.background{ background-color:#F0BE3A }
```

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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