

Converting Colors

Hex(FBC23A)

Have a look what the booklet for
Hex(FBC23A) contains.

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Color

Hex(FBC23A)

Conversions

Conversions Part 1

Format	Color
Hex	FBC23A
RGB	251, 194, 58
RGB Percent	98%, 76%, 23%
CMY	0.0157, 0.2392, 0.7725
CMYK	0.00, 0.23, 0.77, 0.02
HSL	42°, 96%, 61%
HSV	42°, 77%, 98%
XYZ	59.8392, 59.3983, 12.3141
YIQ	195.5390, 77.6280, -30.2120

Conversions

Conversions Part 2

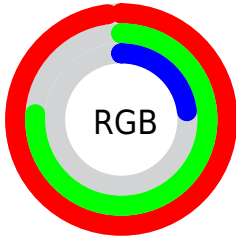
Format	Color
RYB	139, 251, 58
Decimal	16499258
CIELab	81.51, 8.23, 71.40
CIELCh	82, 71.875, 83.423
Yxy	59.3983, 0.4549, 0.4515
Android (android.graphics.Color)	4294689338 (0xFFFBC23A)
YUV	195.5390, -67.8067, 48.6393
Hunter-Lab	77.0703, 3.7186, 44.4760

Details

The Hex color **FBC23A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3A73FB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFA73**, and **BE8D00** is the 20% darker color. If you saturate the color by 10%, you get **FBBB21**, and if you desaturate by 10%, it is **FBC953**.

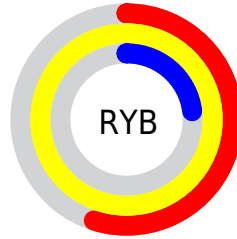
Distribution



Red (98%)

Green (76%)

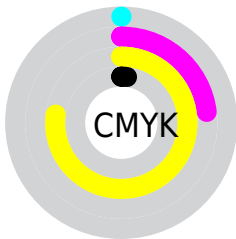
Blue (23%)



Red (55%)

Yellow (98%)

Blue (23%)

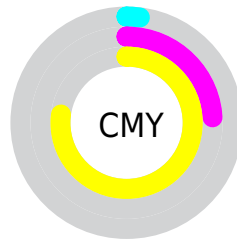


Cyan (0%)

Magenta (23%)

Yellow (77%)

Black (2%)



Cyan (2%)

Magenta (24%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBC23A 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 FBC23A by changing the saturation by 10% instead.

 FBC23A

 FBC23A

FFFFFF

 DCA718

 FFFA73

 BE8D00

 FFFF8F

 A07300

 FFFFAB

 835B00

 FFFF87

 664400

 FFFF85

 4A2E00

 301900

 180000

 000000

 FBC23A

 FBC23A

 FBBB21

 FBC953

 FBB308

 FBD16C

 FBB100

 FBD885

 FBE09E

 FBE7B8

 FBEED1

 FBF6EA

 FBFDFD

 FBFFFF

Harmonies

Analogous

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



FFA85F



FBC23A



BBD744

Triad

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



FBC23A



00EBFE



FFA2FF

Complementary

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



FBC23A



3A73FB

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.



B2BFFF



FBC23A



00E5FF

Square

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



FBC23A



00EAB9



00D7FF



FF8EDC

Rectangle

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



FBC23A



86E063



00D7FF



F5ACFF

Sweetspot

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



FBC23A



FFEEC4



FB3A74



80755C



000000



808080

Same Dimension

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



FBC23A



FFBA14



D4FB3A



7D7970



BD8500



3D2B00

Inverse Universe

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



3A73FB



145AFF



613AFB



70747D



0038BD



00123D

Previews

White Background



This preview shows how the Hex color FBC23A looks on a white background.

Color Contrast Check

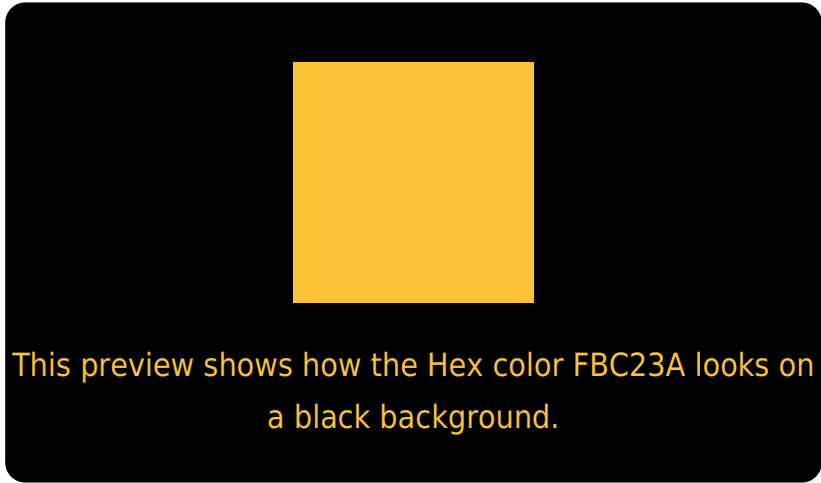
Large Text (above 18pt) WCAG AA × Fail

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 FBC23A Background



This preview shows how black text looks on a background with the Hex color FBC23A.

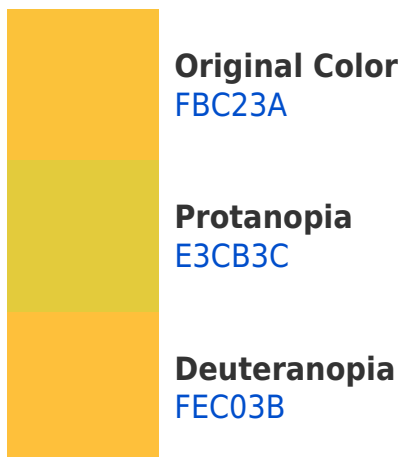


This preview shows how white text looks on a background with the Hex color FBC23A.

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](#).

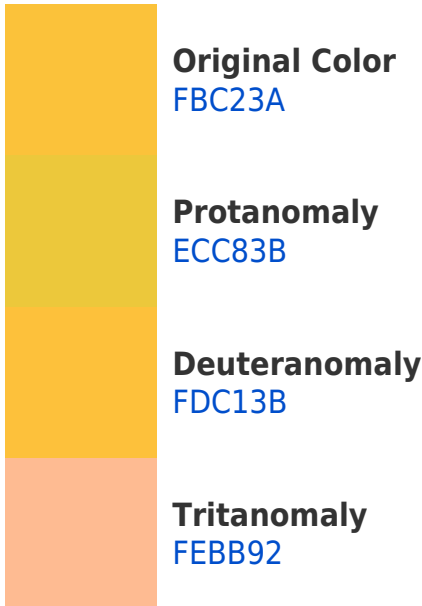
Dichromacy



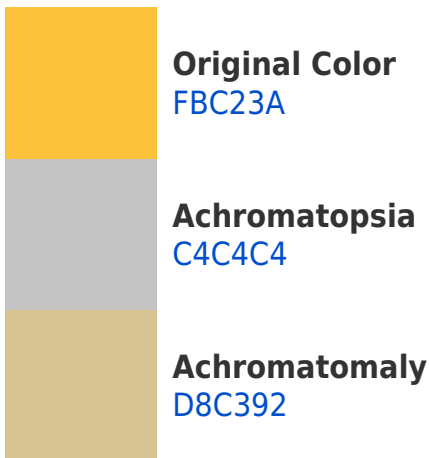


Tritanopia
FFB7C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBC23A 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 #FBC23A looks like.

```
.text, #text, p{  
    color:#FBC23A  
}
```

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 #FBC23A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBC23A
}
```

Border

The CSS property to change the border of an element to Hex FBC23A 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
#FBC23A }
```

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

```
.border{ border-color:#FBC23A }
```

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

Here you see how a box with a 4 pixel #FBC23A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBC23A; -webkit-box-shadow:4px 4px  
4px 4px #FBC23A; box-shadow:4px 4px 4px  
4px #FBC23A }
```

Background

The CSS property to change the background color of an element to Hex FBC23A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBC23A }
```

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

```
.background{ background-color:#FBC23A }
```

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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