

Converting Colors

Hex(FFBF24)

Have a look what the booklet for
Hex(FFBF24) contains.

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Color

Hex(FFBF24)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF24
RGB	255, 191, 36
RGB Percent	100%, 75%, 14%
CMY	0.0000, 0.2510, 0.8588
CMYK	0.00, 0.25, 0.86, 0.00
HSL	42°, 100%, 57%
HSV	42°, 86%, 100%
XYZ	60.1892, 58.6490, 9.8171
YIQ	192.4660, 87.8990, -34.6370

Conversions

Conversions Part 2

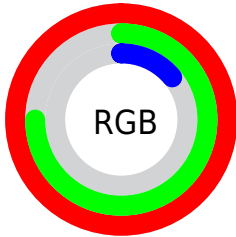
Format	Color
R _Y B	126, 255, 36
Decimal	16760612
CIE Lab	81.10, 10.84, 77.73
CIE LCh	81, 78.481, 82.060
Yxy	58.6490, 0.4678, 0.4559
Android (android.graphics.Color)	4294950692 (0xFFFFBF24)
YUV	192.4660, -77.1377, 54.8423
Hunter-Lab	76.5826, 6.2705, 46.0074

Details

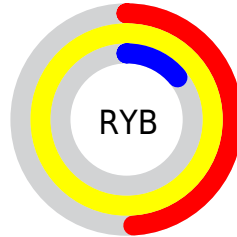
The Hex color **FFBF24** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2464FF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF763**, and **C18A00** is the 20% darker color. If you saturate the color by 10%, you get **FFB80A**, and if you desaturate by 10%, it is **FFC63D**.

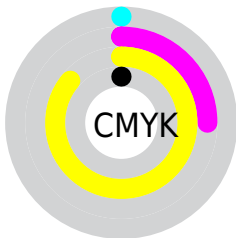
Distribution



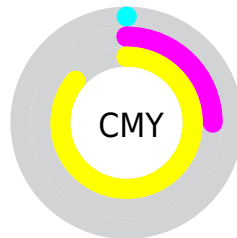
- Red (100%)
- Green (75%)
- Blue (14%)



- Red (49%)
- Yellow (100%)
- Blue (14%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBF24 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 FFBF24 by changing the saturation by 10% instead.

 FFBF24

 FFBF24

FFFFFF

 E0A400

 FFF763

 C18A00

 FFFF7F

 A37100

 FFFF9B

 855800

 FFFFB8

 684100

 FFFFD5

 4C2C00

 FFFFF3

 321700

 1A0000

 000000

 FFBF24

 FFBF24

 FFB80A

 FFC63D

 FFB400

 FFCE57

 FFD570

 FFDD8A

 FFE4A3

 FFECBD

 FFF3D6

 FFFBF0

FFFFFF

Harmonies

Analogous

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



FFA156



FFBF24



BAD62E

Triad

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



FFBF24



00ECFF



FF9EFF

Complementary

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



FFBF24



2464FF

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.



A5BEFF



FFBF24



00E6FF

Square

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



FFBF24



00EBB3



00D8FF



FF84E0

Rectangle

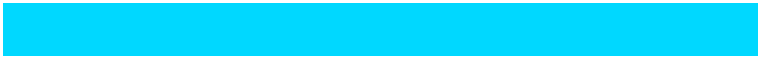
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBF24



81E054



00D8FF



F3A9FF

Sweetspot

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



FFBF24



FFECBD



FF2466



807458



000000



808080

Same Dimension

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



FFBF24



FFB400



D3FF24



807C73



BF8700



402D00

Inverse Universe

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



2464FF



004BFF



5024FF



737680



0038BF



001340

Previews

White Background



This preview shows how the Hex color FFBF24 looks on a white background.

Color Contrast Check

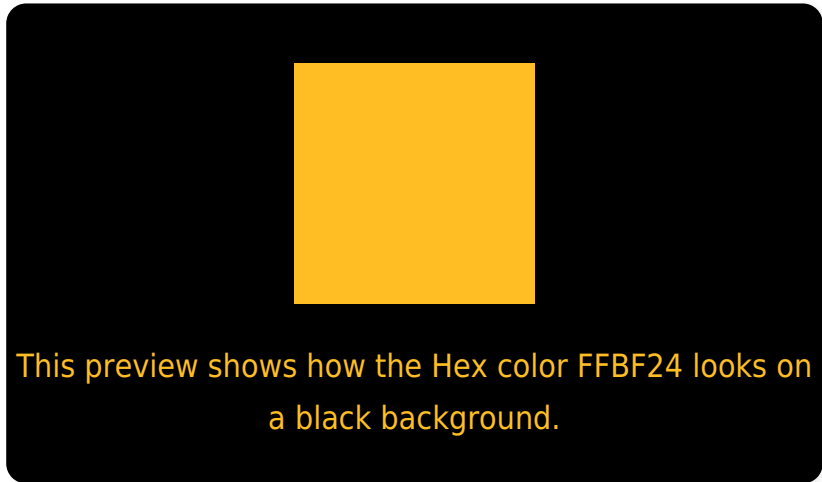
Large Text (above 18pt) WCAG AA × Fail

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 FFBF24 Background



This preview shows how black text looks on a background with the Hex color FFBF24.



This preview shows how white text looks on a background with the Hex color FFBF24.

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
FFBF24

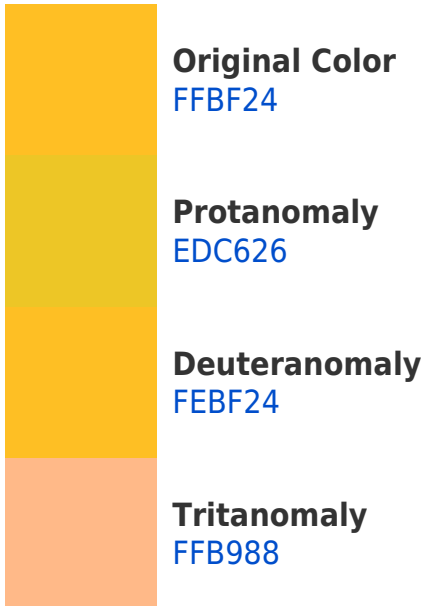
Protanopia
E3CA27

Deuteranopia
FEBF24

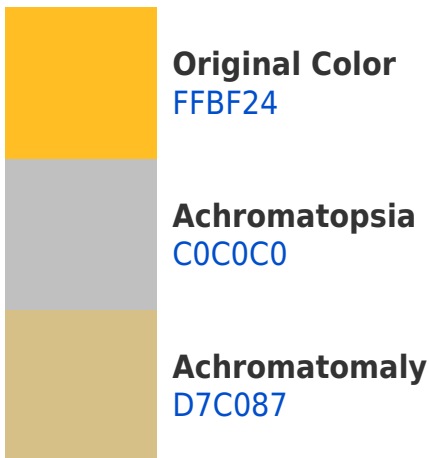


Tritanopia
FFB6C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBF24 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 #FFBF24 looks like.

```
.text, #text, p{  
  color:#FFBF24  
}
```

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 #FFBF24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBF24
}
```

Border

The CSS property to change the border of an element to Hex FFBF24 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
#FFBF24 }
```

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

```
.border{ border-color:#FFBF24 }
```

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

Here you see how a box with a 4 pixel #FFBF24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBF24; -webkit-box-shadow:4px 4px  
4px 4px #FFBF24; box-shadow:4px 4px 4px  
4px #FFBF24 }
```

Background

The CSS property to change the background color of an element to Hex FFBF24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBF24 }
```

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

```
.background{ background-color:#FFBF24 }
```

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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