

Converting Colors

Hex(FFBE38)

Have a look what the booklet for
Hex(FFBE38) contains.

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Color

Hex(FFB E38)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE38
RGB	255, 190, 56
RGB Percent	100%, 75%, 22%
CMY	0.0000, 0.2549, 0.7804
CMYK	0.00, 0.25, 0.78, 0.00
HSL	40°, 100%, 61%
HSV	40°, 78%, 100%
XYZ	60.3673, 58.3724, 11.8267
YIQ	194.1590, 81.7540, -27.8940

Conversions

Conversions Part 2

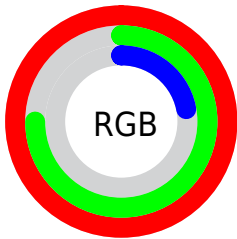
Format	Color
RYB	153, 255, 56
Decimal	16760376
CIELab	80.95, 11.92, 71.72
CIElCh	81, 72.706, 80.561
Yxy	58.3724, 0.4623, 0.4471
Android (android.graphics.Color)	4294950456 (0xFFFFBE38)
YUV	194.1590, -68.1124, 53.3576
Hunter-Lab	76.4019, 7.3346, 44.3035

Details

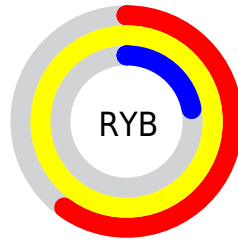
The Hex color **FFBE38** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3879FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF671**, and **C18900** is the 20% darker color. If you saturate the color by 10%, you get **FFB61E**, and if you desaturate by 10%, it is **FFC652**.

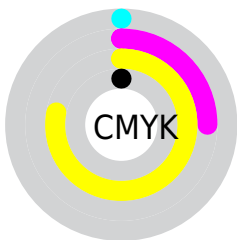
Distribution



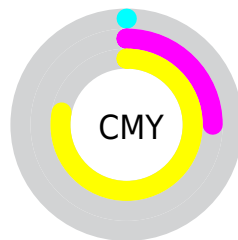
- Red (100%)
- Green (75%)
- Blue (22%)



- Red (60%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBE38 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 FFBE38 by changing the saturation by 10% instead.

 FFBE38

 FFBE38

FFFFFF

 E0A315

 FFF671

 C18900

 FFFF8D

 A37000

 FFFFA9

 865700

 FFFFC5

 694000

 FFFFEE3

 4D2B00

 321600

 1B0000

 000000

 FFBE38

 FFBE38

 FFB61E

 FFC652

 FFAD05

 FFCF6B

 FFAC00

 FFD784

 FFDF9E

 FFE8B7

 FFF0D1

 FFF8EB

FFFFFF

Harmonies

Analogous

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



FFA361



FFBE38



C0D43D

Triad

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



FFBE38



00EAF7



FFA3FF

Complementary

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



FFBE38



3879FF

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.



A3C0FF



FFBE38



00E4FF

Square

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



FFBE38



00E8B0



00D7FF



FF8CE1

Rectangle

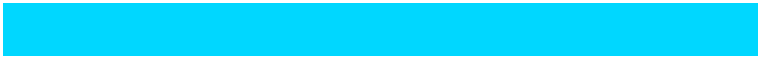
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBE38



8CDE5B



00D7FF



ECADFF

Sweetspot

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



FFBE38



FFECC4



FF387A



80745C



000000



808080

Same Dimension

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



FFBE38



FFB10F



DEFF38



807B73



BF8100



402B00

Inverse Universe

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



3879FF



0F5EFF



5938FF



737780



003EBF



001540

Previews

White Background



This preview shows how the Hex color FFBE38 looks on a white background.

Color Contrast Check

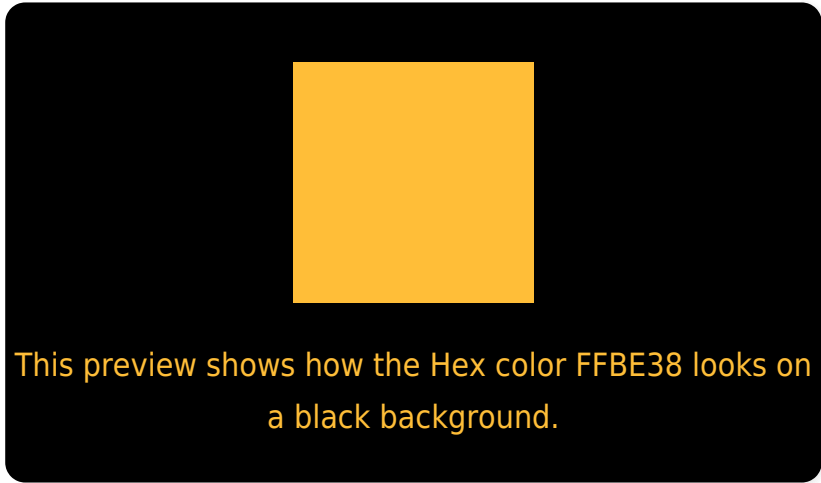
Large Text (above 18pt) WCAG AA × Fail

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 FFBE38 Background



This preview shows how black text looks on a background with the Hex color FFBE38.



This preview shows how white text looks on a background with the Hex color FFBE38.

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
FFBE38

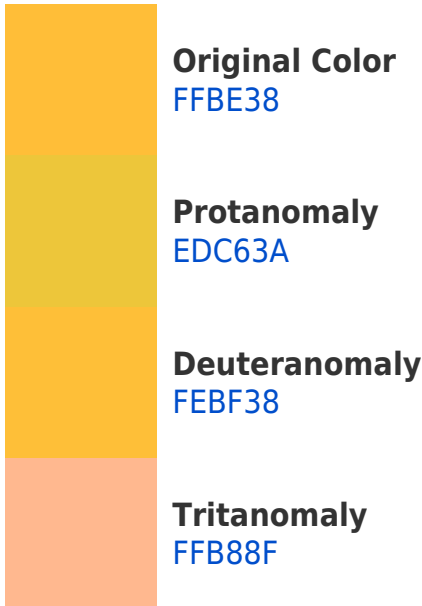
Protanopia
E2CA3B

Deuteranopia
FDBF38



Tritanopia
FFB5C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBE38 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 #FFBE38 looks like.

```
.text, #text, p{  
    color:#FFBE38  
}
```

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 #FFBE38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBE38
}
```

Border

The CSS property to change the border of an element to Hex FFBE38 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
#FFBE38 }
```

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

```
.border{ border-color:#FFBE38 }
```

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

Here you see how a box with a 4 pixel #FFBE38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBE38; -webkit-box-shadow:4px 4px  
4px 4px #FFBE38; box-shadow:4px 4px 4px  
4px #FFBE38 }
```

Background

The CSS property to change the background color of an element to Hex FFBE38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBE38 }
```

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

```
.background{ background-color:#FFBE38 }
```

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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