

Converting Colors

Hex(F8BB33)

Have a look what the booklet for
Hex(F8BB33) contains.

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Color

Hex(F8BB33)

Conversions

Conversions Part 1

Format	Color
Hex	F8BB33
RGB	248, 187, 51
RGB Percent	97%, 73%, 20%
CMY	0.0275, 0.2667, 0.8000
CMYK	0.00, 0.25, 0.79, 0.03
HSL	41°, 93%, 59%
HSV	41°, 79%, 97%
XYZ	57.0793, 55.7361, 10.8817
YIQ	189.7350, 80.0120, -29.3640

Conversions

Conversions Part 2

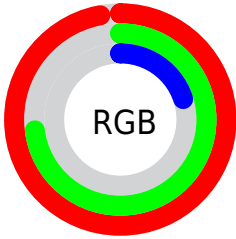
Format	Color
RYB	139, 248, 51
Decimal	16300851
CIELab	79.46, 10.36, 71.78
CIElCh	79, 72.523, 81.786
Yxy	55.7361, 0.4614, 0.4506
Android (android.graphics.Color)	4294490931 (0xFFFF8BB33)
YUV	189.7350, -68.3964, 51.0984
Hunter-Lab	74.6566, 5.8244, 43.6177

Details

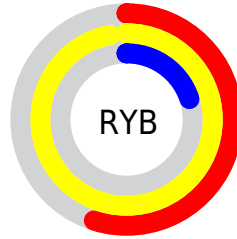
The Hex color **F8BB33** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3370F8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF36C**, and **BB8600** is the 20% darker color. If you saturate the color by 10%, you get **F8B31A**, and if you desaturate by 10%, it is **F8C34C**.

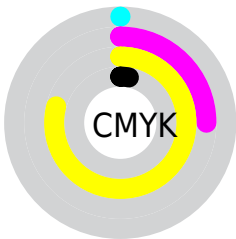
Distribution



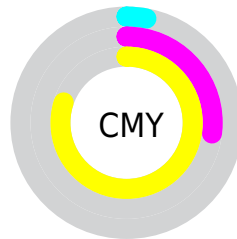
- Red (97%)
- Green (73%)
- Blue (20%)



- Red (55%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (25%)
- Yellow (79%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F8BB33 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 F8BB33 by changing the saturation by 10% instead.

 F8BB33

 F8BB33

FFFFFF

 D9A00C

 FFF36C

 BB8600

 FFFF88

 9D6D00

 FFFFA4

 805500

 FFFFC1

 633E00

 FFFFDE

 472800

 FFFFFB

 2D1400

 130000

 000000

 F8BB33

 F8BB33

 F8B31A

 F8C34C

 F8AC01

 F8CA65

 F8AB00

 F8D27D

 F8DA96

 F8E1AF

 F8E9C8

 F8F1E1

 F8F8F9

 F8FFFF

Harmonies

Analogous

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



FFA05C



F8BB33



B8D03A

Triad

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



F8BB33



00E5F5



FF9EFF

Complementary

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



F8BB33



3370F8

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.



A4BBFF



F8BB33



00E0FF

Square

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



F8BB33



00E4AF



00D2FF



FF88DA

Rectangle

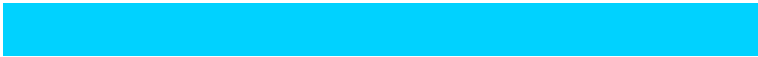
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8BB33



84DA59



00D2FF



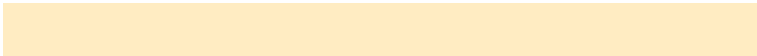
EBA7FF

Sweetspot

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



F8BB33



FFECC2



F83371



80745B



000000



808080

Same Dimension

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



F8BB33



FFB40D



D4F833



7D7970



BD8200



3D2A00

Inverse Universe

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



3370F8



0D58FF



5733F8



70747D



003ABD



00133D

Previews

White Background



This preview shows how the Hex color F8BB33 looks on a white background.

Color Contrast Check

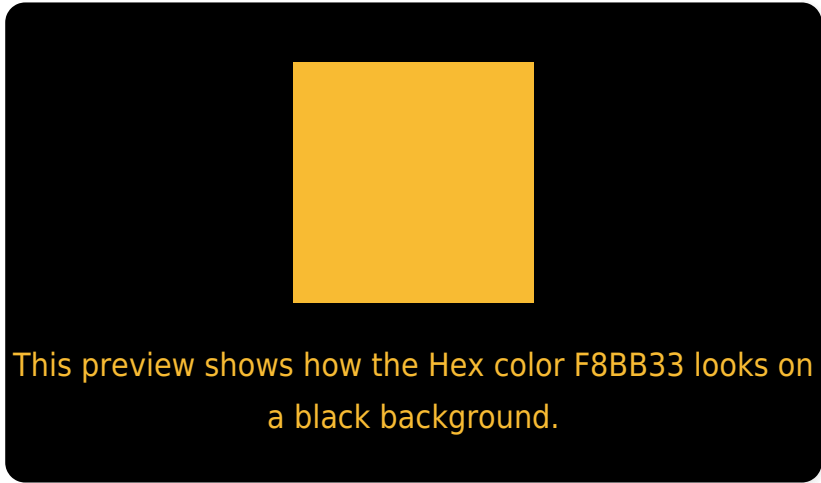
Large Text (above 18pt) WCAG AA × Fail

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 F8BB33 Background



This preview shows how black text looks on a background with the Hex color F8BB33.



This preview shows how white text looks on a background with the Hex color F8BB33.

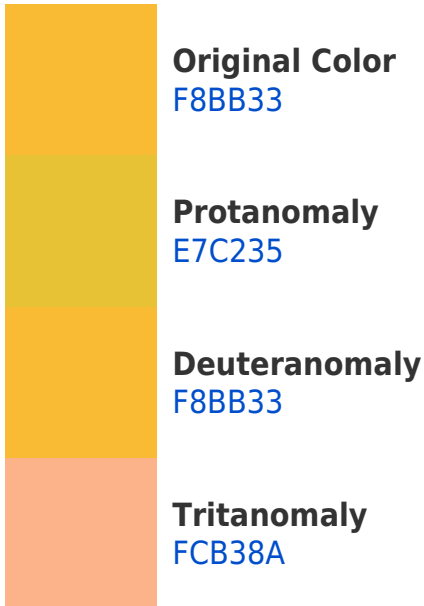
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F8BB33 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 #F8BB33 looks like.

```
.text, #text, p{  
    color:#F8BB33  
}
```

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 #F8BB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8BB33
}
```

Border

The CSS property to change the border of an element to Hex F8BB33 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
#F8BB33 }
```

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

```
.border{ border-color:#F8BB33 }
```

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

Here you see how a box with a 4 pixel #F8BB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8BB33; -webkit-box-shadow:4px 4px  
4px 4px #F8BB33; box-shadow:4px 4px 4px  
4px #F8BB33 }
```

Background

The CSS property to change the background color of an element to Hex F8BB33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8BB33 }
```

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

```
.background{ background-color:#F8BB33 }
```

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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