

Converting Colors

Hex(F8BB31)

Have a look what the booklet for
Hex(F8BB31) contains.

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Color

Hex(F8BB31)

Conversions

Conversions Part 1

Format	Color
Hex	F8BB31
RGB	248, 187, 49
RGB Percent	97%, 73%, 19%
CMY	0.0275, 0.2667, 0.8078
CMYK	0.00, 0.25, 0.80, 0.03
HSL	42°, 93%, 58%
HSV	42°, 80%, 97%
XYZ	57.0361, 55.7189, 10.6544
YIQ	189.5070, 80.6540, -29.9860

Conversions

Conversions Part 2

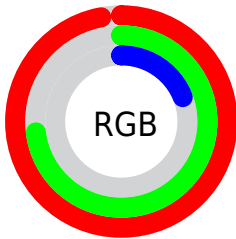
Format	Color
RYB	137, 248, 49
Decimal	16300849
CIELab	79.45, 10.30, 72.41
CIElCh	79, 73.141, 81.906
Yxy	55.7189, 0.4622, 0.4515
Android (android.graphics.Color)	4294490929 (0xFFF8BB31)
YUV	189.5070, -69.2700, 51.2984
Hunter-Lab	74.6451, 5.7625, 43.7888

Details

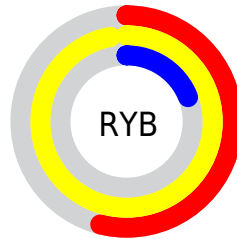
The Hex color **F8BB31** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **316EF8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF36B**, and **BB8600** is the 20% darker color. If you saturate the color by 10%, you get **F8B318**, and if you desaturate by 10%, it is **F8C34A**.

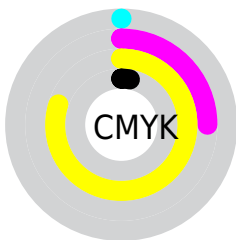
Distribution



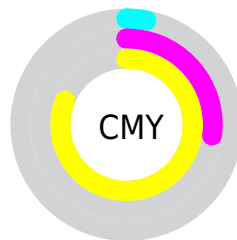
- Red (97%)
- Green (73%)
- Blue (19%)



- Red (54%)
- Yellow (97%)
- Blue (19%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F8BB31 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 F8BB31 by changing the saturation by 10% instead.

 F8BB31

 F8BB31

FFFFFF

 D9A006

 FFF36B

 BB8600

 FFFF87

 9D6D00

 FFFFA3

 7F5500

 FFFFBF

 633E00

 FFFFDC

 472800

 FFFFFA

 2D1400

 130000

 000000

 F8BB31

 F8BB31

 F8B318

 F8C34A

 F8AC00

 F8CA63

 F8D27B

 F8D994

 F8E1AD

 F8E9C6

 F8F0DF

 F8F8F7

 F8FFFF

Harmonies

Analogous

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



FFA05A



F8BB31



B8D039

Triad

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



F8BB31



00E5F6



FF9DFF

Complementary

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



F8BB31



316EF8

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.



A4BAFF



F8BB31



00E0FF

Square

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



F8BB31



00E4AF



00D2FF



FF87DA

Rectangle

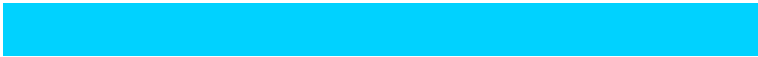
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8BB31



83DA58



00D2FF



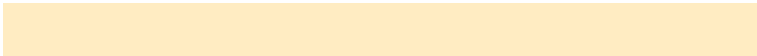
EBA7FF

Sweetspot

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



F8BB31



FFECC2



F83170



80745B



000000



808080

Same Dimension

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



F8BB31



FFB40A



D4F831



7D7970



BD8300



3D2A00

Inverse Universe

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



316EF8



0A55FF



5531F8



70747D



003ABD



00133D

Previews

White Background



This preview shows how the Hex color F8BB31 looks on a white background.

Color Contrast Check

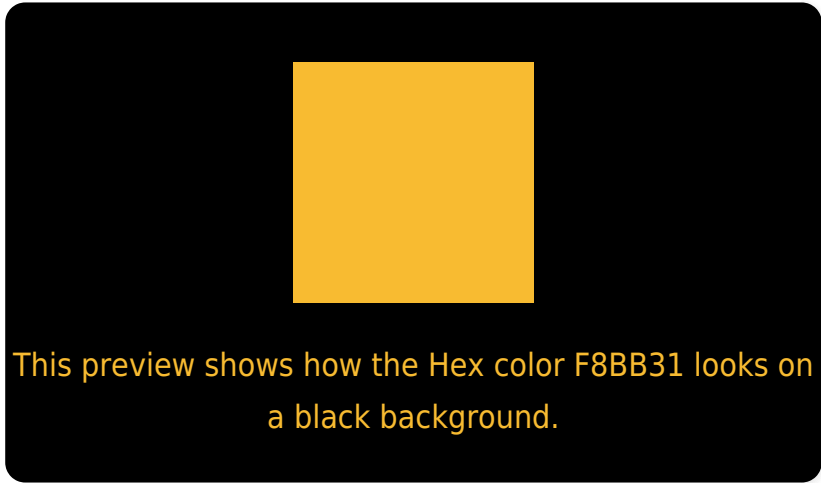
Large Text (above 18pt) WCAG AA × Fail

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 F8BB31 Background



This preview shows how black text looks on a background with the Hex color F8BB31.



This preview shows how white text looks on a background with the Hex color F8BB31.

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

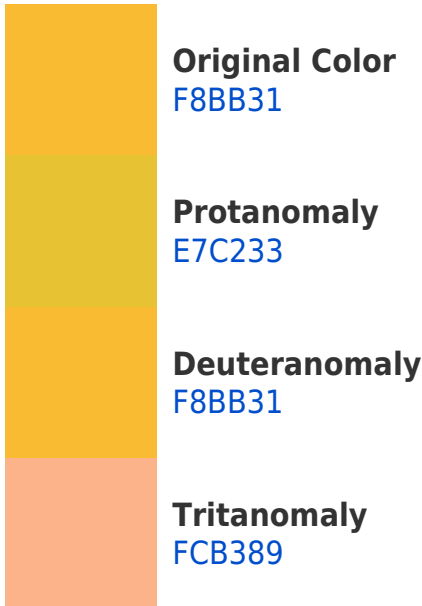


Original Color
F8BB31

Protanopia
DDC634

Deuteranopia
F8BB31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F8BB31 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 #F8BB31 looks like.

```
.text, #text, p{  
    color:#F8BB31  
}
```

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 #F8BB31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8BB31
}
```

Border

The CSS property to change the border of an element to Hex F8BB31 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
#F8BB31 }
```

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

```
.border{ border-color:#F8BB31 }
```

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

Here you see how a box with a 4 pixel #F8BB31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8BB31; -webkit-box-shadow:4px 4px  
4px 4px #F8BB31; box-shadow:4px 4px 4px  
4px #F8BB31 }
```

Background

The CSS property to change the background color of an element to Hex F8BB31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8BB31 }
```

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

```
.background{ background-color:#F8BB31 }
```

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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