

Converting Colors

Hex(F7BB32)

Have a look what the booklet for
Hex(F7BB32) contains.

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Color

Hex(F7BB32)

Conversions

Conversions Part 1

Format	Color
Hex	F7BB32
RGB	247, 187, 50
RGB Percent	97%, 73%, 20%
CMY	0.0314, 0.2667, 0.8039
CMYK	0.00, 0.24, 0.80, 0.03
HSL	42°, 92%, 58%
HSV	42°, 80%, 97%
XYZ	56.7038, 55.5451, 10.7503
YIQ	189.3220, 79.7370, -29.8870

Conversions

Conversions Part 2

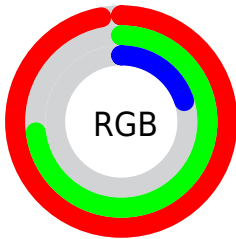
Format	Color
R_{YB}	136, 247, 50
Decimal	16235314
CIE _{Lab}	79.35, 9.91, 71.97
CIE _{LCh}	79, 72.645, 82.163
Yxy	55.5451, 0.4610, 0.4516
Android (android.graphics.Color)	4294425394 (0xFFFF7BB32)
YUV	189.3220, -68.6857, 50.5836
Hunter-Lab	74.5286, 5.3837, 43.6178

Details

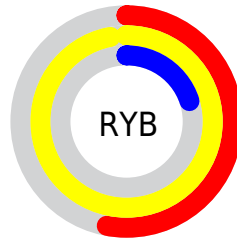
The Hex color **F7BB32** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **326EF7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF36C**, and **BA8600** is the 20% darker color. If you saturate the color by 10%, you get **F7B319**, and if you desaturate by 10%, it is **F7C34B**.

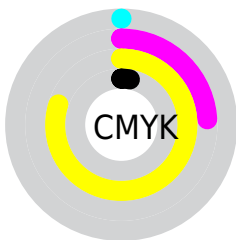
Distribution



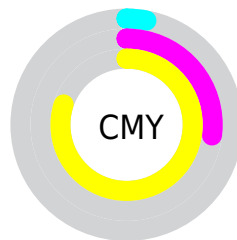
- Red (97%)
- Green (73%)
- Blue (20%)



- Red (53%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color F7BB32 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 F7BB32 by changing the saturation by 10% instead.

 F7BB32

 F7BB32

FFFFFF

 D8A009

 FFF36C

 BA8600

 FFFF87

 9C6D00

 FFFFA4

 7F5500

 FFFF00

 623E00

 FFFFDD

 462800

 FFFFFB

 2C1400

 110000

 000000

 F7BB32

 F7BB32

 F7B319

 F7C34B

 F7AC01

 F7CA63

 F7AC00

 F7D27C

 F7D995

 F7E1AE

 F7E8C6

 F7F0DF

 F7F7F8

 F7FFFF

Harmonies

Analogous

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



FFA05A



F7BB32



B7D03A

Triad

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



F7BB32



00E5F6



FF9DFF

Complementary

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



F7BB32



326EF7

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.



A5BAFF



F7BB32



00DFFF

Square

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



F7BB32



00E4B0



00D2FF



FF87D9

Rectangle

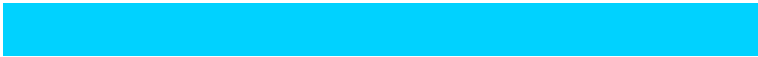
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7BB32



83DA5A



00D2FF



ECA7FF

Sweetspot

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



F7BB32



FFECC2



F73270



80745B



000000



808080

Same Dimension

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



F7BB32



FFB40A



D3F732



7A776E



BA8100



3B2900

Inverse Universe

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



326EF7



0A55FF



5632F7



6E727A



0039BA



00123B

Previews

White Background



This preview shows how the Hex color F7BB32 looks on a white background.

Color Contrast Check

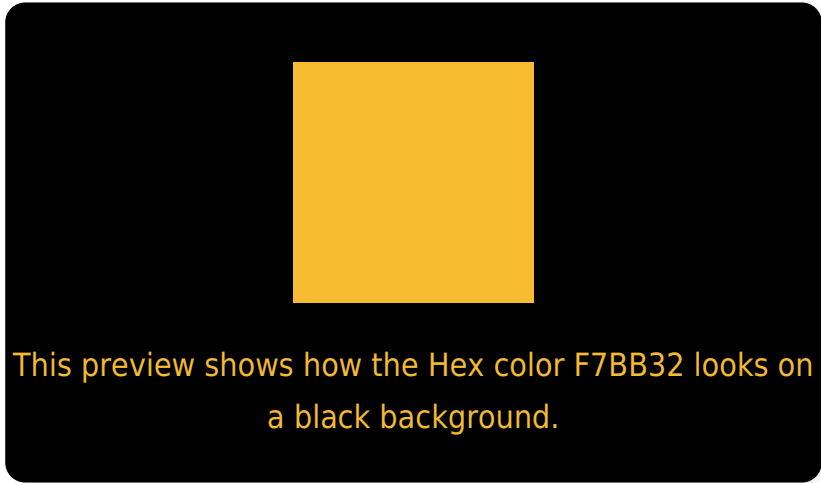
Large Text (above 18pt) WCAG AA × Fail

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 F7BB32 Background



This preview shows how black text looks on a background with the Hex color F7BB32.



This preview shows how white text looks on a background with the Hex color F7BB32.

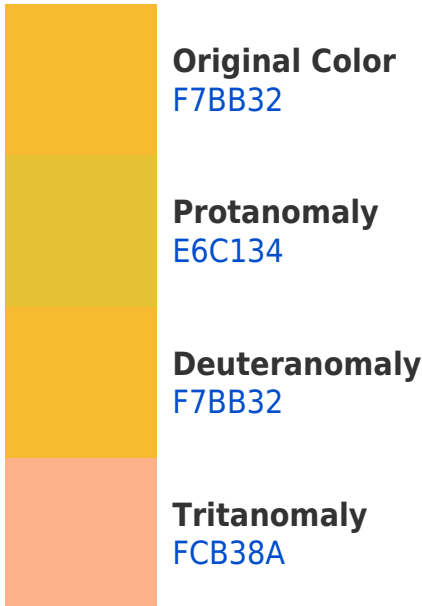
Color Blindness Simulation

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](#).

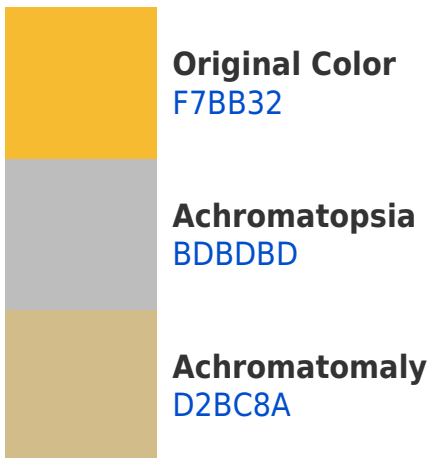
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7BB32 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 #F7BB32 looks like.

```
.text, #text, p{  
  color:#F7BB32  
}
```

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 #F7BB32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7BB32
}
```

Border

The CSS property to change the border of an element to Hex F7BB32 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
#F7BB32 }
```

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

```
.border{ border-color:#F7BB32 }
```

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

Here you see how a box with a 4 pixel #F7BB32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7BB32; -webkit-box-shadow:4px 4px  
4px 4px #F7BB32; box-shadow:4px 4px 4px  
4px #F7BB32 }
```

Background

The CSS property to change the background color of an element to Hex F7BB32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7BB32 }
```

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

```
.background{ background-color:#F7BB32 }
```

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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