

# Converting Colors

Hex(FBBD27)

Have a look what the booklet for  
Hex(FBBD27) contains.

<b>Hex(FBBD27)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FBBD27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBBD27
RGB	251, 189, 39
RGB Percent	98%, 74%, 15%
CMY	0.0157, 0.2588, 0.8471
CMYK	0.00, 0.25, 0.84, 0.02
HSL	42°, 96%, 57%
HSV	42°, 84%, 98%
XYZ	58.3475, 57.0509, 9.8561
YIQ	190.4380, 85.1020, -33.5060

# Conversions

## Conversions Part 2

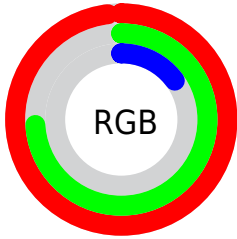
Format	Color
<a href="#">RYB</a>	<a href="#">127, 251, 39</a>
Decimal	<a href="#">16497959</a>
<a href="#">CIELab</a>	<a href="#">80.21, 10.25, 76.08</a>
<a href="#">CIElCh</a>	<a href="#">80, 76.764, 82.324</a>
<a href="#">Yxy</a>	<a href="#">57.0509, 0.4658, 0.4555</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294688039 (0xFFFBBD27)</a>
<a href="#">YUV</a>	<a href="#">190.4380, -74.6589, 53.1129</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.5320, 5.7077, 45.1357</a>

# Details

The Hex color **FBBD27** 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 **2765FB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF564**, and **BD8800** is the 20% darker color. If you saturate the color by 10%, you get **FBB60E**, and if you desaturate by 10%, it is **FBC440**.

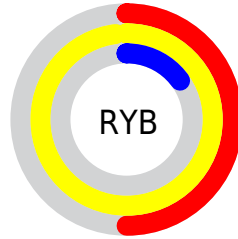
# Distribution



Red (98%)

Green (74%)

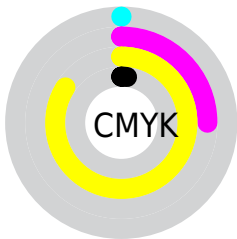
Blue (15%)



Red (50%)

Yellow (98%)

Blue (15%)

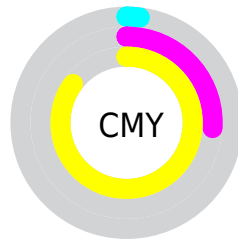


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (2%)



Cyan (2%)

Magenta (26%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBBD27 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 FBBD27 by changing the saturation by 10% instead.



 FBBD27

 FBBD27

FFFFFF

 DCA200

 FFF564

 BD8800

 FFFF80

 9F6F00

 FFFF9D

 825700

 FFFFB9

 654000

 FFFFD6

 492A00

 FFFFF4

 2F1600

 170000

 000000

 FBBD27

 FBBD27

 FBB60E

 FBC440

 FBB200

 FBCC59

 FBD372

 FBDA8B

 FBE2A5

 FBE9BE

 FBF0D7

 FBF8F0

 FBFFFF

# Harmonies

## Analogous

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



FFA056



FBBD27



B8D331

# Triad

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



FBBD27



00E9FB



FF9CFF

# Complementary

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



FBBD27



2765FB

# 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.



A5BCFF



FBBD27



00E3FF

# Square

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



FBBD27



00E8B1



00D5FF



FF84DD

# Rectangle

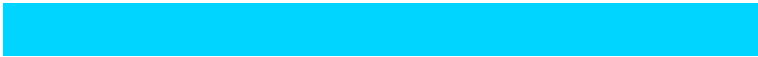
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBB27



7FDD55



00D5FF



F0A7FF



# Sweetspot

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



FBBD27



FFECBF



FB2767



807459



000000



808080



# Same Dimension

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



FBBD27



FFB400



D1FB27



7D7970



BD8600



3D2B00



# Inverse Universe

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



2765FB



004BFF



5127FB



70747D



0037BD



00123D



# Previews

## White Background



This preview shows how the Hex color FBBD27 looks on a white background.

## Color Contrast Check

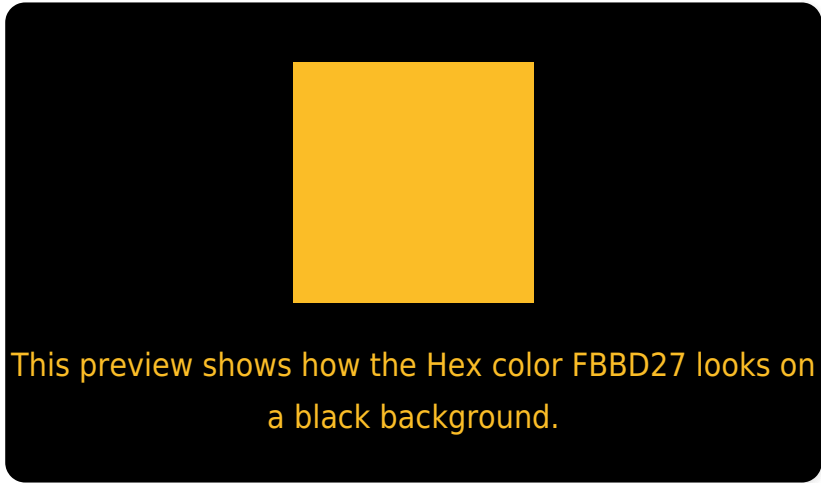
Large Text (above 18pt) WCAG AA × Fail

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 FBBD27 Background



This preview shows how black text looks on a background with the Hex color FBBD27.



This preview shows how white text looks on a background with the Hex color FBBD27.

# 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**  
FBBD27

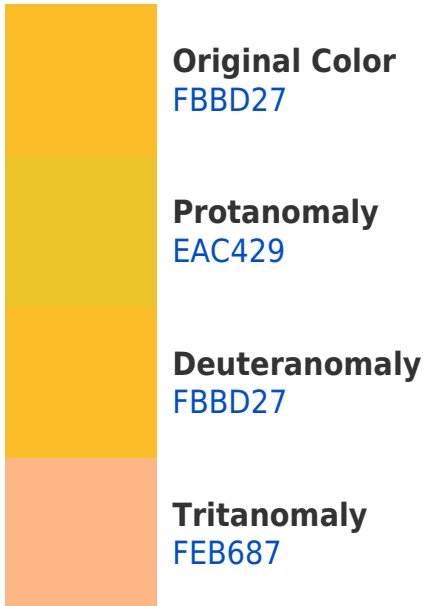
**Protanopia**  
E0C82A

**Deuteranopia**  
FBBD27



**Tritanopia**  
FFB2BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBBD27 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 #FBBD27 looks like.

```
.text, #text, p{  
    color:#FBBD27  
}
```

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 #FBBD27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBBD27
}
```

## Border

The CSS property to change the border of an element to Hex FBBD27 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
#FBBD27 }
```

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

```
.border{ border-color:#FBBD27 }
```

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

Here you see how a box with a 4 pixel #FBBD27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBBD27; -webkit-box-shadow:4px 4px  
4px 4px #FBBD27; box-shadow:4px 4px 4px  
4px #FBBD27 }
```

# Background

The CSS property to change the background color of an element to Hex FBBD27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBBD27 }
```

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

```
.background{ background-color:#FBBD27 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor