

# Converting Colors

Hex(FBBA21)

Have a look what the booklet for  
Hex(FBBA21) contains.

<b>Hex(FBBA21)</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(FBBA21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBBA21
RGB	251, 186, 33
RGB Percent	98%, 73%, 13%
CMY	0.0157, 0.2706, 0.8706
CMYK	0.00, 0.26, 0.87, 0.02
HSL	42°, 96%, 56%
HSV	42°, 87%, 98%
XYZ	57.6171, 55.7368, 9.1604
YIQ	187.9930, 87.8530, -33.8030

# Conversions

## Conversions Part 2

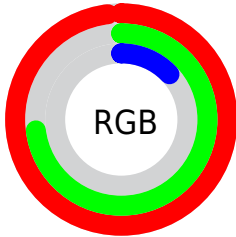
Format	Color
<a href="#">RYB</a>	<a href="#">126, 251, 33</a>
Decimal	<a href="#">16497185</a>
<a href="#">CIELab</a>	<a href="#">79.46, 11.68, 76.96</a>
<a href="#">CIElCh</a>	<a href="#">79, 77.839, 81.369</a>
<a href="#">Yxy</a>	<a href="#">55.7368, 0.4703, 0.4549</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294687265 (0xFFFFBBA21)</a>
<a href="#">YUV</a>	<a href="#">187.9930, -76.4115, 55.2571</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.6571, 7.1085, 44.9851</a>

# Details

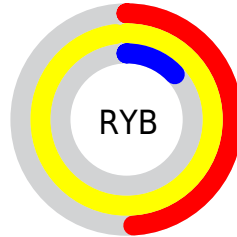
The Hex color **FBBA21** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2162FB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF260**, and **BD8500** is the 20% darker color. If you saturate the color by 10%, you get **FBB308**, and if you desaturate by 10%, it is **FBC13A**.

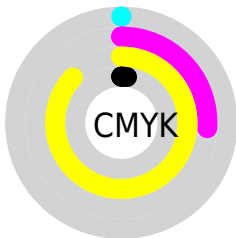
# Distribution



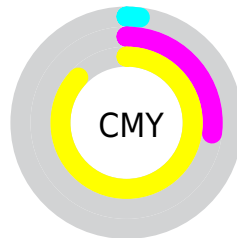
- Red (98%)
- Green (73%)
- Blue (13%)



- Red (49%)
- Yellow (98%)
- Blue (13%)



- Cyan (0%)
- Magenta (26%)
- Yellow (87%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBBA21 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 FBBA21 by changing the saturation by 10% instead.



 FBBA21

 FBBA21

FFFFFF

 DC9F00

 FFF260

 BD8500

 FFFF7C

 9F6C00

 FFFF99

 815400

 FFFFB5

 643D00

 FFFFD2

 492800

 FFFFF0

 2E1300

 150000

 000000

 FBBA21

 FBBA21

 FBB308

 FBC13A

 FBB000

 FBC953

 FBD06C

 FBD885

 FBDF9F

 FBE7B8

 FBEEED1

 FBF6EA

 FBFDFE

# Harmonies

## Analogous

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



FF9C54



FBBA21



B7D129

# Triad

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



FBBA21



00E7F8



FF9AFF

# Complementary

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



FBBA21



2162FB

# 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.



9DBAFF



FBBA21



00E2FF

# Square

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



FBBA21



00E6AD



00D3FF



FF81DD

# Rectangle

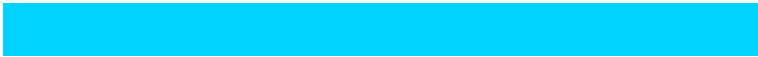
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBBA21



7FDB4F



00D3FF



ECA5FF



# Sweetspot

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



FBBA21



FFEBCD



FB2162



807458



000000



808080



# Same Dimension

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



FBBA21



FFB300



CFFB21



7D7970



BD8400



3D2B00



# Inverse Universe

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



2162FB



004CFF



4D21FB



70747D



0038BD



00123D



# Previews

## White Background



This preview shows how the Hex color FBBA21 looks on a white background.

## Color Contrast Check

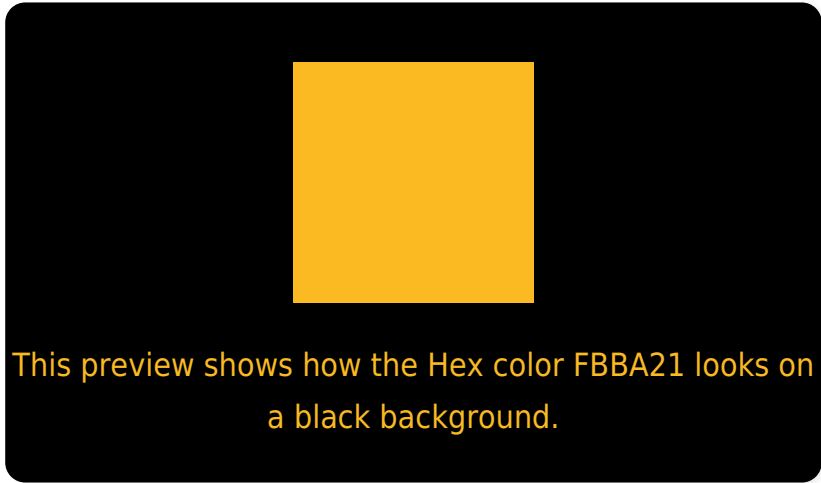
Large Text (above 18pt) WCAG AA × Fail

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 FBBA21 Background



This preview shows how black text looks on a background with the Hex color FBBA21.



This preview shows how white text looks on a background with the Hex color FBBA21.

# 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**  
FBBA21

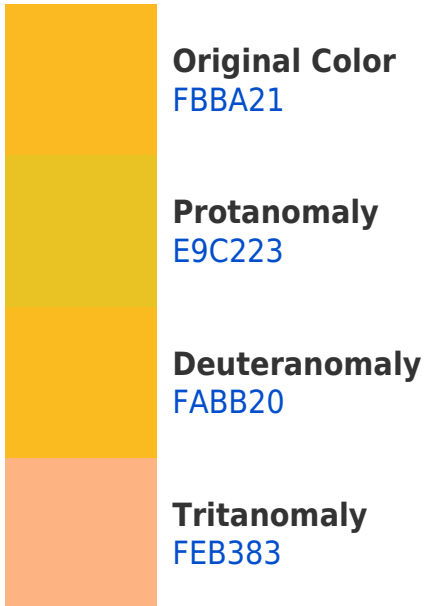
**Protanopia**  
DEC624

**Deuteranopia**  
F9BB20

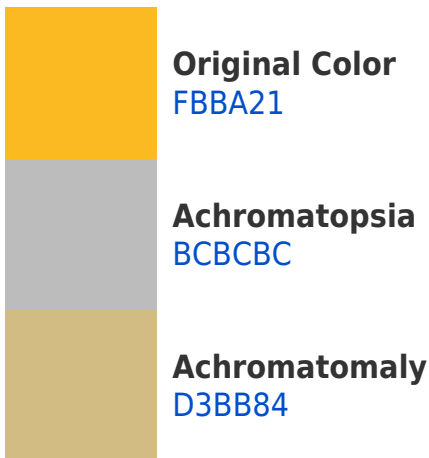


**Tritanopia**  
FFAFBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBBA21 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 #FBBA21 looks like.

```
.text, #text, p{  
    color:#FBBA21  
}
```

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 #FBBA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBBA21
}
```

## Border

The CSS property to change the border of an element to Hex FBBA21 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
#FBBA21 }
```

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

```
.border{ border-color:#FBBA21 }
```

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

Here you see how a box with a 4 pixel #FBBA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBBA21; -webkit-box-shadow:4px 4px  
4px 4px #FBBA21; box-shadow:4px 4px 4px  
4px #FBBA21 }
```

# Background

The CSS property to change the background color of an element to Hex FBBA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBBA21 }
```

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

```
.background{ background-color:#FBBA21 }
```

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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