

# Converting Colors

Hex(F6B829)

Have a look what the booklet for  
Hex(F6B829) contains.

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# **Color**

**Hex(F6B829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6B829
RGB	246, 184, 41
RGB Percent	96%, 72%, 16%
CMY	0.0353, 0.2784, 0.8392
CMYK	0.00, 0.25, 0.83, 0.04
HSL	42°, 92%, 56%
HSV	42°, 83%, 96%
XYZ	55.5468, 54.0339, 9.5998
YIQ	186.2360, 82.8550, -31.3290

# Conversions

## Conversions Part 2

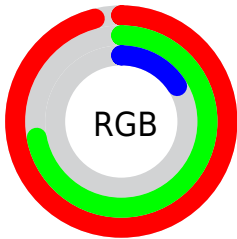
Format	Color
R <sub>Y</sub> B	130, 246, 41
Decimal	16169001
CIE Lab	78.48, 10.78, 73.88
CIE LCh	78, 74.667, 81.695
Yxy	54.0339, 0.4661, 0.4534
Android (android.graphics.Color)	4294359081 (0xFFFF6B829)
YUV	186.2360, -71.6013, 52.4130
Hunter-Lab	73.5078, 6.2465, 43.7124

# Details

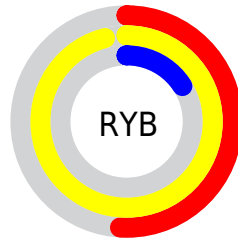
The Hex color **F6B829** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2967F6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF065**, and **B98300** is the 20% darker color. If you saturate the color by 10%, you get **F6B110**, and if you desaturate by 10%, it is **F6BF42**.

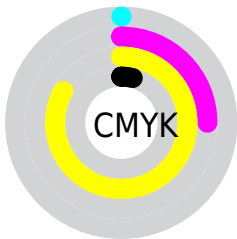
# Distribution



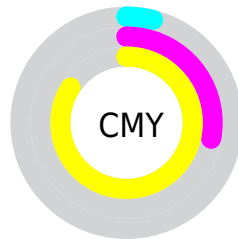
- Red (96%)
- Green (72%)
- Blue (16%)



- Red (51%)
- Yellow (96%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6B829 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 F6B829 by changing the saturation by 10% instead.



 F6B829

 F6B829

FFFFFF

 D79D00

 FFF065

 B98300

 FFFF81

 9B6A00

 FFFF9D

 7D5200

 FFFFB9

 603C00

 FFFFD6

 452600

 FFFFF4

 2B1200

 0B0000

 000000

 F6B829

 F6B829

 F6B110

 F6BF42

 F6AC00

 F6C75A

 F6CE73

 F6D68B

 F6DDA4

 F6E5BD

 F6ECD5

 F6F4EE

 F6FBFF

# Harmonies

## Analogous

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



FF9C56



F6B829



B5CE31

# Triad

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



F6B829



00E3F4



FF99FF

# Complementary

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



F6B829



2967F6

# 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.



9FB8FF



F6B829



00DEFF

# Square

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



F6B829



00E2AC



00D0FF



FF82D9

# Rectangle

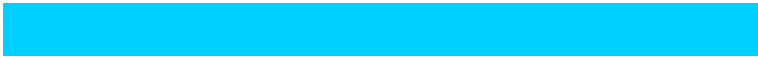
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6B829



7FD853



00D0FF



E8A4FF



# Sweetspot

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



F6B829



FFECBF



F6296A



807459



000000



808080



# Same Dimension

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



F6B829



FFB200



D0F629



7A776E



BA8200



3B2900



# Inverse Universe

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



2967F6



004DFF



4F29F6



6E727A



0038BA



00123B



# Previews

## White Background



This preview shows how the Hex color F6B829 looks on a white background.

## Color Contrast Check

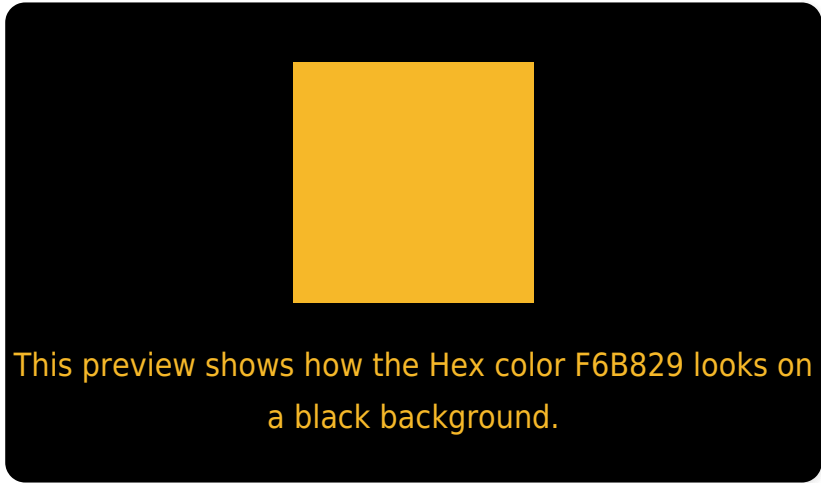
Large Text (above 18pt) WCAG AA × Fail

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 F6B829 Background



This preview shows how black text looks on a background with the Hex color F6B829.



This preview shows how white text looks on a background with the Hex color F6B829.

# 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**  
F6B829

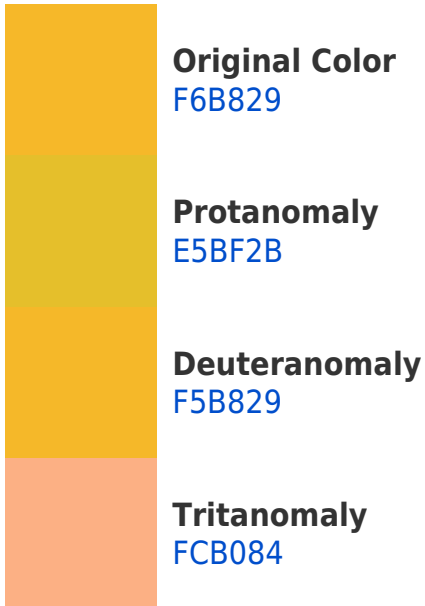
**Protanopia**  
DBC32C

**Deuteranopia**  
F5B829

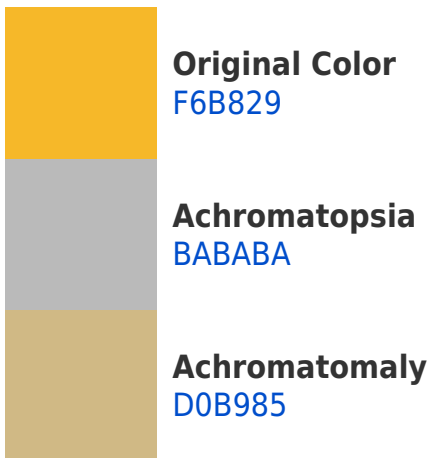


**Tritanopia**  
FFABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6B829 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 #F6B829 looks like.

```
.text, #text, p{  
    color:#F6B829  
}
```

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 #F6B829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B829
}
```

## Border

The CSS property to change the border of an element to Hex F6B829 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
#F6B829 }
```

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

```
.border{ border-color:#F6B829 }
```

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

Here you see how a box with a 4 pixel #F6B829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B829; -webkit-box-shadow:4px 4px  
4px 4px #F6B829; box-shadow:4px 4px 4px  
4px #F6B829 }
```

# Background

The CSS property to change the background color of an element to Hex F6B829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B829 }
```

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

```
.background{ background-color:#F6B829 }
```

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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