

Converting Colors

Hex(F6B221)

Have a look what the booklet for
Hex(F6B221) contains.

Hex(F6B221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F6B221)

Conversions

Conversions Part 1

Format	Color
Hex	F6B221
RGB	246, 178, 33
RGB Percent	96%, 70%, 13%
CMY	0.0353, 0.3020, 0.8706
CMYK	0.00, 0.28, 0.87, 0.04
HSL	41°, 92%, 55%
HSV	41°, 87%, 96%
XYZ	54.2009, 51.5434, 8.5310
YIQ	181.8020, 87.0730, -30.6790

Conversions

Conversions Part 2

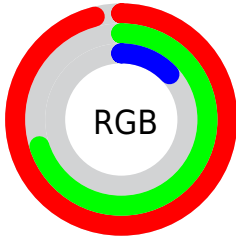
Format	Color
R _Y B	133, 246, 33
Decimal	16167457
CIE Lab	77.01, 13.74, 74.78
CIE LCh	77, 76.027, 79.591
Yxy	51.5434, 0.4743, 0.4510
Android (android.graphics.Color)	4294357537 (0xFFFF6B221)
YUV	181.8020, -73.3594, 56.3016
Hunter-Lab	71.7937, 9.1201, 43.2104

Details

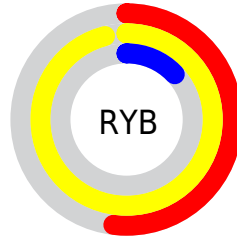
The Hex color **F6B221** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2165F6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE95F**, and **B87E00** is the 20% darker color. If you saturate the color by 10%, you get **F6AA08**, and if you desaturate by 10%, it is **F6BA3A**.

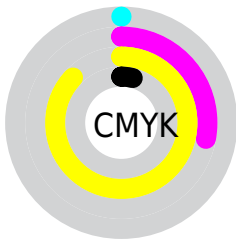
Distribution



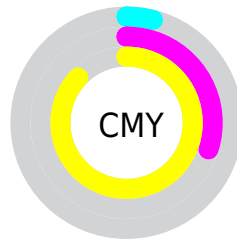
- Red (96%)
- Green (70%)
- Blue (13%)



- Red (52%)
- Yellow (96%)
- Blue (13%)



- Cyan (0%)
- Magenta (28%)
- Yellow (87%)
- Black (4%)



- Cyan (4%)
- Magenta (30%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6B221 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 F6B221 by changing the saturation by 10% instead.

 F6B221

 F6B221

FFFFFF

 D79700

 FFE95F

 B87E00

 FFFF7B

 9A6500

 FFFF97

 7D4D00

 FFFFB3

 603600

 FFFFD0

 442100

 FFFFEE

 2A0D00

 020000

 000000

 F6B221

 F6B221

 F6AA08

 F6BA3A

 F6A700

 F6C252

 F6CA6B

 F6D183

 F6D99C

 F6E1B5

 F6E9CD

 F6F1E6

 F6F9FE

Harmonies

Analogous

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



FF9554



F6B221



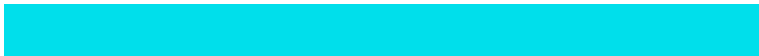
B5C924

Triad

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



F6B221



00DFEB



FB97FF

Complementary

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



F6B221



2165F6

Split Complementary

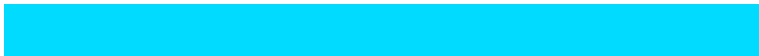
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8EB6FF



F6B221



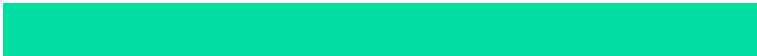
00DBFF

Square

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



F6B221



00DEA2



00CDFE



FF7DDA

Rectangle

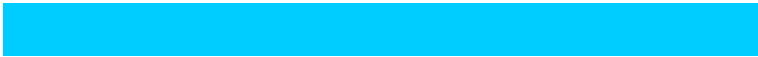
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6B221



80D348



00CDFF



DEA1FF

Sweetspot

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



F6B221



FFEABD



F62168



807358



000000



808080

Same Dimension

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



F6B221



FFAE00



D3F621



7A766E



BA7F00



3B2800

Inverse Universe

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



2165F6



0051FF



4421F6



6E727A



003BBA



00133B

Previews

White Background



This preview shows how the Hex color F6B221 looks on a white background.

Color Contrast Check

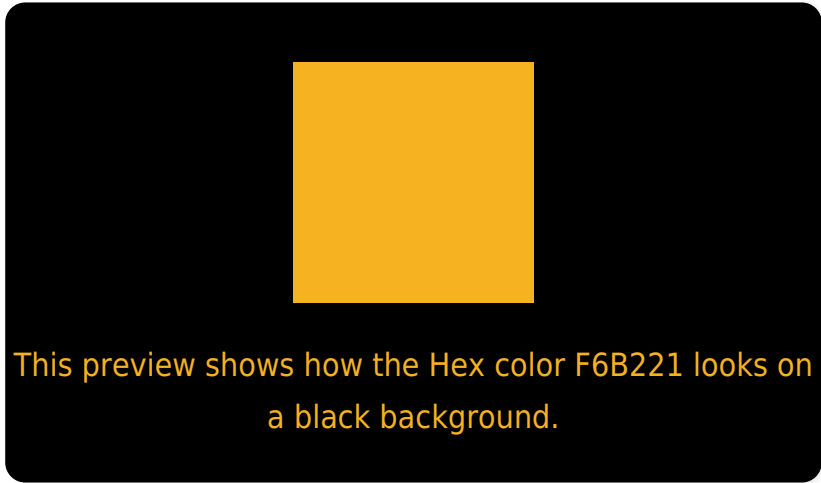
Large Text (above 18pt) WCAG AA × Fail

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 F6B221 Background



This preview shows how black text looks on a background with the Hex color F6B221.



This preview shows how white text looks on a background with the Hex color F6B221.

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

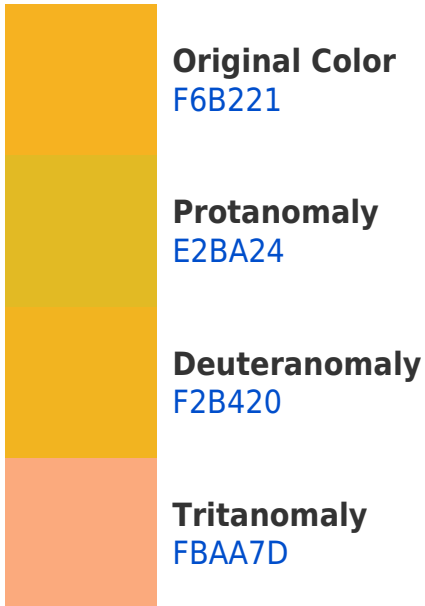


Original Color
F6B221

Protanopia
D6BF25

Deuteranopia
F0B51F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6B221 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 #F6B221 looks like.

```
.text, #text, p{  
    color:#F6B221  
}
```

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 #F6B221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B221
}
```

Border

The CSS property to change the border of an element to Hex F6B221 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
#F6B221 }
```

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

```
.border{ border-color:#F6B221 }
```

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

Here you see how a box with a 4 pixel #F6B221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B221; -webkit-box-shadow:4px 4px  
4px 4px #F6B221; box-shadow:4px 4px 4px  
4px #F6B221 }
```

Background

The CSS property to change the background color of an element to Hex F6B221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B221 }
```

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

```
.background{ background-color:#F6B221 }
```

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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