

# Converting Colors

Hex(F4B81A)

Have a look what the booklet for  
Hex(F4B81A) contains.

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**Color**

**Hex(F4B81A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4B81A
RGB	244, 184, 26
RGB Percent	96%, 72%, 10%
CMY	0.0431, 0.2784, 0.8980
CMYK	0.00, 0.25, 0.89, 0.04
HSL	43°, 91%, 53%
HSV	43°, 89%, 96%
XYZ	54.6352, 53.5887, 8.4413
YIQ	183.9280, 86.4780, -36.4180

# Conversions

## Conversions Part 2

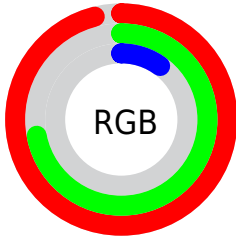
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 244, 26
Decimal	16037914
CIE <sub>Lab</sub>	78.22, 9.61, 77.17
CIE <sub>LCh</sub>	78, 77.766, 82.904
Yxy	53.5887, 0.4683, 0.4593
Android (android.graphics.Color)	4294227994 (0xFFFF4B81A)
YUV	183.9280, -77.8585, 52.6831
Hunter-Lab	73.2043, 5.1139, 44.4061

# Details

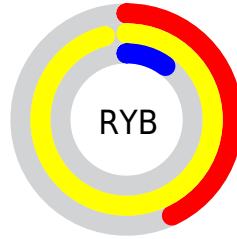
The Hex color **F4B81A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1A56F4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF05C**, and **B68300** is the 20% darker color. If you saturate the color by 10%, you get **F4B102**, and if you desaturate by 10%, it is **F4BF32**.

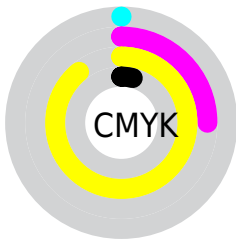
# Distribution



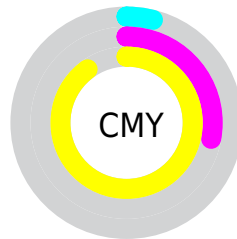
- Red (96%)
- Green (72%)
- Blue (10%)



- Red (43%)
- Yellow (96%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (89%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4B81A 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 F4B81A by changing the saturation by 10% instead.



 F4B81A

 F4B81A

FFFFFF

 D59D00

 FFF05C

 B68300

 FFFF78

 986A00

 FFFF94

 7B5300

 FFFFB1

 5E3C00

 FFFFCE

 432600

 FFFFEB

 291200

 050000

 000000

 F4B81A

 F4B81A

 F4B102

 F4BF32

 F4B100

 F4C54B

 F4CC63

 F4D37C

 F4DA94

 F4E0AC

 F4E7C5

 F4EEDD

 F4F4F6

# Harmonies

## Analogous

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



FF9B4E



F4B81A



B0CE28

# Triad

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



F4B81A



00E3F8



FF95FF

# Complementary

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



F4B81A



1A56F4

# 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.



A0B6FF



F4B81A



00DEFF

# Square

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



F4B81A



00E2AD



00CFFF



FF7CD6

# Rectangle

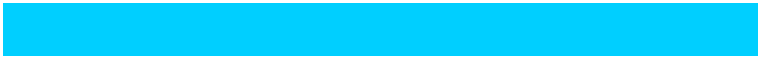
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4B81A



76D84F



00CFFF



EDA0FF

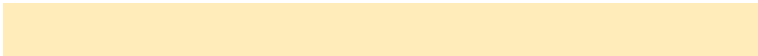


# Sweetspot

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



F4B81A



FFECBA



F41A58



807457



000000



808080



# Same Dimension

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



F4B81A



FFB900



C5F41A



7A776E



BA8700



3B2B00



# Inverse Universe

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



1A56F4



0046FF



491AF4



6E727A



0033BA



00103B



# Previews

## White Background



This preview shows how the Hex color F4B81A 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



This preview shows how the Hex color F4B81A looks on a 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 F4B81A Background



This preview shows how black text looks on a background with the Hex color F4B81A.



This preview shows how white text looks on a background with the Hex color F4B81A.

# 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



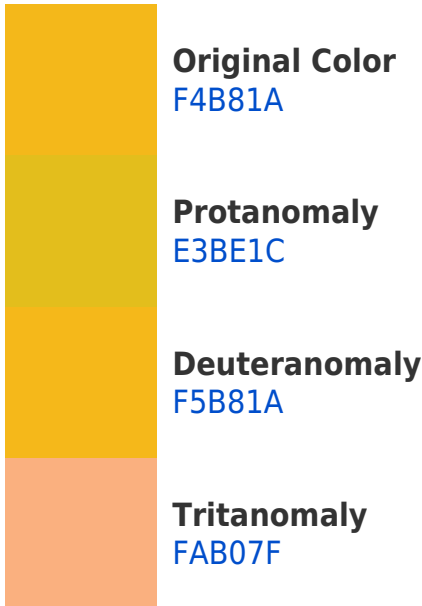
**Original Color**  
F4B81A

**Protanopia**  
DAC21D

**Deuteranopia**  
F5B81A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4B81A 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 #F4B81A looks like.

```
.text, #text, p{  
  color:#F4B81A  
}
```

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 #F4B81A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4B81A
}
```

## Border

The CSS property to change the border of an element to Hex F4B81A 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
#F4B81A }
```

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

```
.border{ border-color:#F4B81A }
```

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

Here you see how a box with a 4 pixel #F4B81A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4B81A; -webkit-box-shadow:4px 4px  
4px 4px #F4B81A; box-shadow:4px 4px 4px  
4px #F4B81A }
```

# Background

The CSS property to change the background color of an element to Hex F4B81A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4B81A }
```

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

```
.background{ background-color:#F4B81A }
```

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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