

# Converting Colors

Hex(FBAE2F)

Have a look what the booklet for  
Hex(FBAE2F) contains.

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# **Color**

**Hex(FBAE2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBAE2F
RGB	251, 174, 47
RGB Percent	98%, 68%, 18%
CMY	0.0157, 0.3176, 0.8157
CMYK	0.00, 0.31, 0.81, 0.02
HSL	37°, 96%, 58%
HSV	37°, 81%, 98%
XYZ	55.4328, 50.9866, 9.6091
YIQ	182.5450, 86.6590, -23.1730

# Conversions

## Conversions Part 2

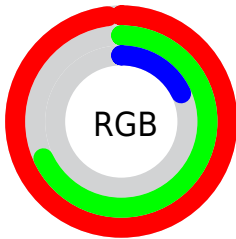
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 251, 47
Decimal	16494127
CIELab	76.67, 18.30, 70.73
CIELCh	77, 73.063, 75.492
Yxy	50.9866, 0.4778, 0.4394
Android (android.graphics.Color)	4294684207 (0xFFFBAE2F)
YUV	182.5450, -66.8237, 60.0350
Hunter-Lab	71.4049, 13.6140, 42.0046

# Details

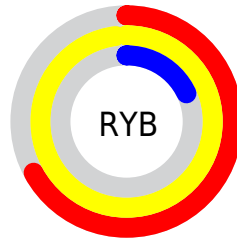
The Hex color **FBAE2F** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2F7CFB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE568**, and **BD7A00** is the 20% darker color. If you saturate the color by 10%, you get **FBA516**, and if you desaturate by 10%, it is **FBB748**.

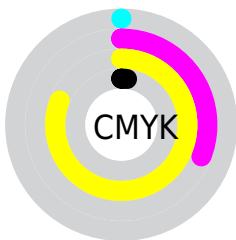
# Distribution



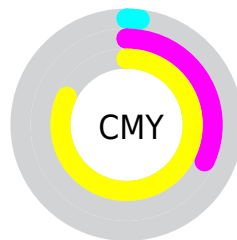
- Red (98%)
- Green (68%)
- Blue (18%)



- Red (67%)
- Yellow (98%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (81%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBAE2F 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 FBAE2F by changing the saturation by 10% instead.



 FBAE2F

 FBAE2F

FFFFFF

 DC9306

 FFE568

 BD7A00

 FFFF84

 9F6100

 FFFFA0

 814900

 FFFFBC

 643200

 FFFFD9

 481D00

 FFFFF6

 2E0800

 0A0000

 000000

 FBAE2F

 FBAE2F

 FBA516

 FBB748

 FB9C00

 FBC161

 FBCA7A

 FBD493

 FBDDAD

 FBE7C6

 FBF0DF

 FBFAF8

 FBFFFF

# Harmonies

## Analogous

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



FF925F



FBAE2F



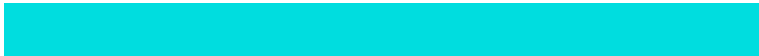
BFC529

# Triad

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



FBAE2F



00DDDF



ED9CFF

# Complementary

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



FBAE2F



2F7CFB

# 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.



7CB9FF



FBAE2F



00DAFF

# Square

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



FBAE2F



00DB99



00CEFF



FF82E1

# Rectangle

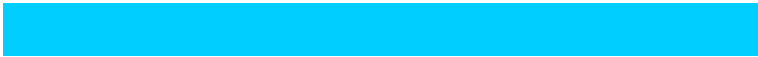
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBAE2F



8ECF46



00CEFF



CFA6FF

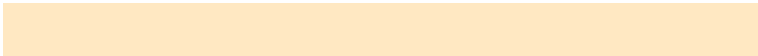


# Sweetspot

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



FBAE2F



FFE8C2



FB2F7D



80725B



000000



808080



# Same Dimension

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



FBAE2F



FFA105



E3FB2F



7D7870



BD7500



3D2600



# Inverse Universe

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



2F7CFB



0563FF



472FFB



70757D



0047BD



00173D



# Previews

## White Background



This preview shows how the Hex color FBAE2F looks on a white background.

## Color Contrast Check

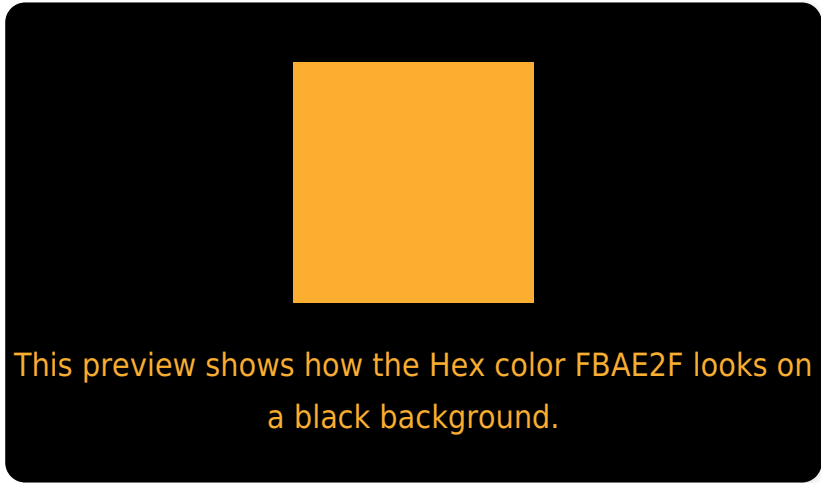
Large Text (above 18pt) WCAG AA × Fail

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 FBAE2F Background



This preview shows how black text looks on a background with the Hex color FBAE2F.



This preview shows how white text looks on a background with the Hex color FBAE2F.

# 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**  
FBAE2F

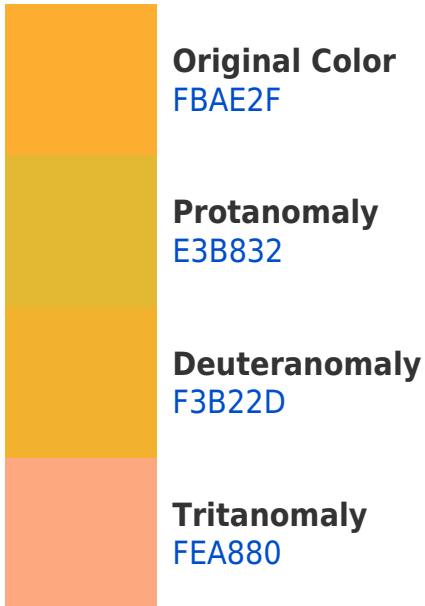
**Protanopia**  
D5BE33

**Deuteranopia**  
EFB42C

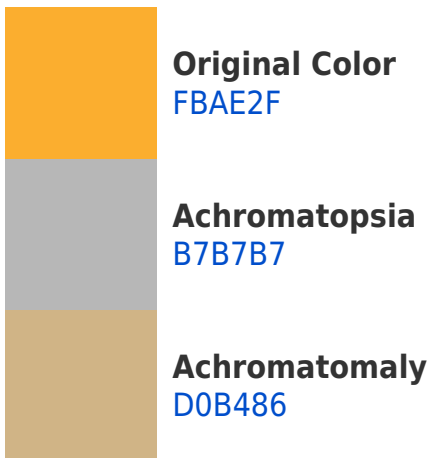


**Tritanopia**  
FFA4AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBAE2F 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 #FBAE2F looks like.

```
.text, #text, p{  
    color:#FBAE2F  
}
```

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 #FBAE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBAE2F
}
```

## Border

The CSS property to change the border of an element to Hex FBAE2F 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
#FBAE2F }
```

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

```
.border{ border-color:#FBAE2F }
```

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

Here you see how a box with a 4 pixel #FBAE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBAE2F; -webkit-box-shadow:4px 4px  
4px 4px #FBAE2F; box-shadow:4px 4px 4px  
4px #FBAE2F }
```

# Background

The CSS property to change the background color of an element to Hex FBAE2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBAE2F }
```

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

```
.background{ background-color:#FBAE2F }
```

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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