

# Converting Colors

Hex(FBA41A)

Have a look what the booklet for  
Hex(FBA41A) contains.

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# **Color**

**Hex(FBA41A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA41A
RGB	251, 164, 26
RGB Percent	98%, 64%, 10%
CMY	0.0157, 0.3569, 0.8980
CMYK	0.00, 0.35, 0.90, 0.02
HSL	37°, 97%, 54%
HSV	37°, 90%, 98%
XYZ	53.2456, 47.1347, 7.2688
YIQ	174.2810, 96.1500, -24.4740

# Conversions

## Conversions Part 2

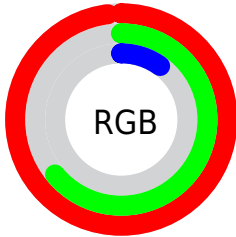
Format	Color
<a href="#">RYB</a>	<a href="#">168, 251, 26</a>
Decimal	<a href="#">16491546</a>
CIELab	<a href="#">74.28, 23.06, 74.51</a>
CIELCh	<a href="#">74, 78.001, 72.806</a>
Yxy	<a href="#">47.1347, 0.4946, 0.4379</a>
Android (android.graphics.Color)	<a href="#">4294681626</a> ( <a href="#">0xFFFBA41A</a> )
YUV	<a href="#">174.2810, -73.1025, 67.2826</a>
Hunter-Lab	<a href="#">68.6547, 18.2909, 41.7810</a>

# Details

The Hex color **FBA41A** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1A71FB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDB59**, and **BC7000** is the 20% darker color. If you saturate the color by 10%, you get **FB9A01**, and if you desaturate by 10%, it is **FBAE33**.

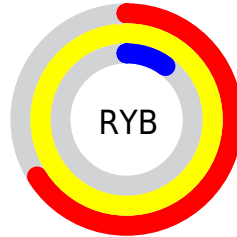
# Distribution



Red (98%)

Green (64%)

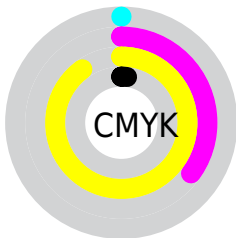
Blue (10%)



Red (66%)

Yellow (98%)

Blue (10%)

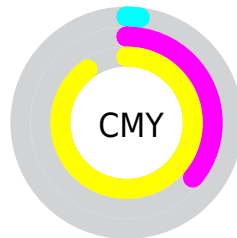


Cyan (0%)

Magenta (35%)

Yellow (90%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBA41A 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 FBA41A by changing the saturation by 10% instead.



 FBA41A

 FBA41A

FFFFFF

 DB8A00

 FFDB59

 BC7000

 FFF875

 9E5800

 FFFF91

 804000

 FFFFAD

 622900

 FFFFC A

 461300

 FFFF E7

 2D0000

 000000

 FBA41A

 FBA41A

 FB9A01

 FBAE33

 FB9A00

 FBB74C

 FBC165

 FBCB7E

 FBD597

 FBDEB1

 FBE8CA

 FBF2E3

 FBFBFC

# Harmonies

## Analogous

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



FF8558



FBA41A



BDBD00

# Triad

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



FBA41A



00D8D4



E195FF

# Complementary

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



FBA41A



1A71FB

# 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.



52B5FF



FBA41A



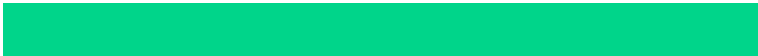
00D5FF

# Square

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



FBA41A



00D58A



00CAFF



FF76E3

# Rectangle

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



FBA41A



8AC92D



00CAFF



BFA0FF



# Sweetspot

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



FBA41A



FFE4BA



FB1A74



807057



000000



808080



# Same Dimension

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



FBA41A



FF9C00



E5FB1A



7D7870



BD7400



3D2600



# Inverse Universe

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



1A71FB



0063FF



301AFB



70757D



0049BD



00183D



# Previews

## White Background



This preview shows how the Hex color FBA41A looks on a white background.

## Color Contrast Check

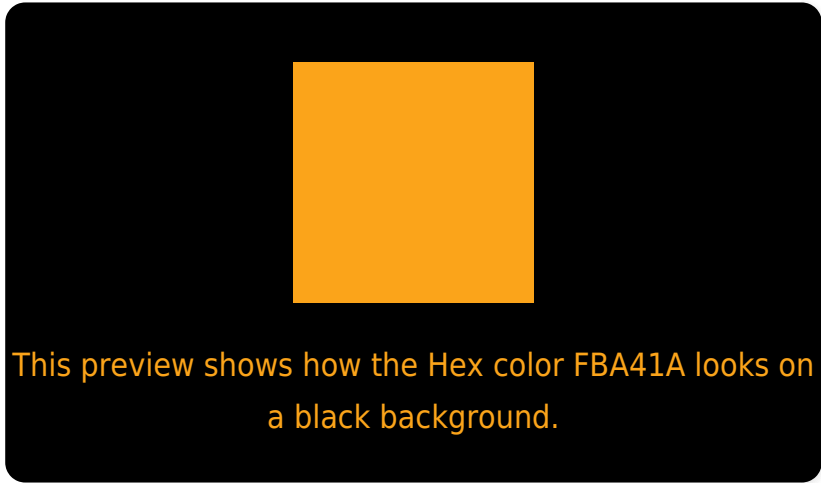
Large Text (above 18pt) WCAG AA × Fail

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 FBA41A Background



This preview shows how black text looks on a background with the Hex color FBA41A.

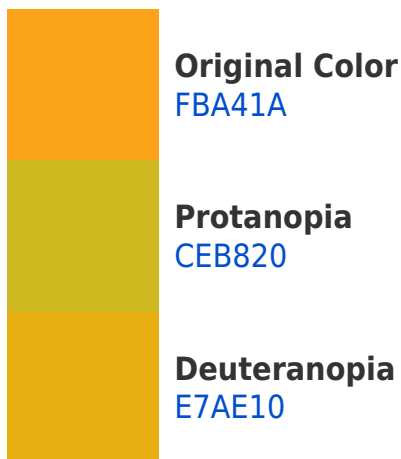



This preview shows how white text looks on a background with the Hex color FBA41A.

# 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](#).

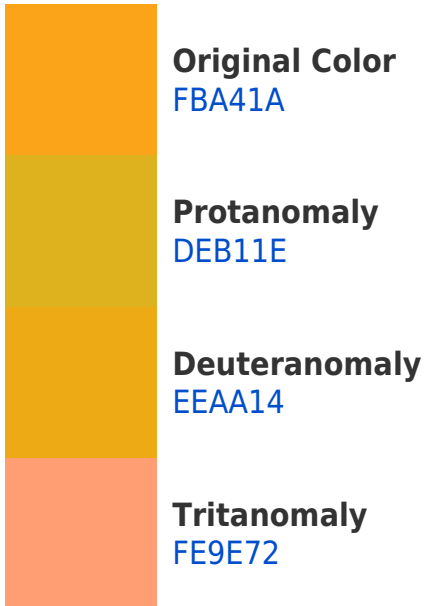
## Dichromacy





**Tritanopia**  
FF9AA5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBA41A 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 #FBA41A looks like.

```
.text, #text, p{  
    color:#FBA41A  
}
```

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 #FBA41A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBA41A
}
```

## Border

The CSS property to change the border of an element to Hex FBA41A 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
#FBA41A }
```

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

```
.border{ border-color:#FBA41A }
```

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

Here you see how a box with a 4 pixel #FBA41A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBA41A; -webkit-box-shadow:4px 4px  
4px 4px #FBA41A; box-shadow:4px 4px 4px  
4px #FBA41A }
```

# Background

The CSS property to change the background color of an element to Hex FBA41A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBA41A }
```

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

```
.background{ background-color:#FBA41A }
```

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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