

Converting Colors

Hex(FFBA44)

Have a look what the booklet for
Hex(FFBA44) contains.

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Color

Hex(FFBA44)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA44
RGB	255, 186, 68
RGB Percent	100%, 73%, 27%
CMY	0.0000, 0.2706, 0.7333
CMYK	0.00, 0.27, 0.73, 0.00
HSL	38°, 100%, 63%
HSV	38°, 73%, 100%
XYZ	59.8423, 56.7952, 13.2774
YIQ	193.1790, 79.0020, -22.0700

Conversions

Conversions Part 2

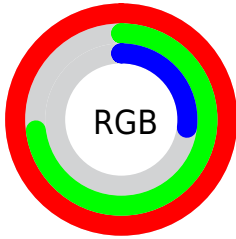
Format	Color
RYB	177, 255, 68
Decimal	16759364
CIELab	80.06, 14.47, 66.45
CIElCh	80, 68.008, 77.714
Yxy	56.7952, 0.4606, 0.4372
Android (android.graphics.Color)	4294949444 (0xFFFFBA44)
YUV	193.1790, -61.7132, 54.2170
Hunter-Lab	75.3626, 9.8550, 42.3081

Details

The Hex color **FFBA44** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4489FF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF27B**, and **C28500** is the 20% darker color. If you saturate the color by 10%, you get **FFB12A**, and if you desaturate by 10%, it is **FFC35D**.

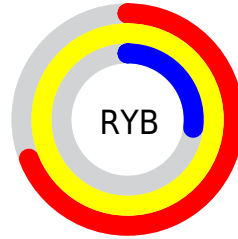
Distribution



Red (100%)

Green (73%)

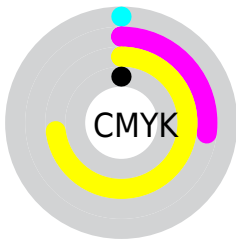
Blue (27%)



Red (69%)

Yellow (100%)

Blue (27%)

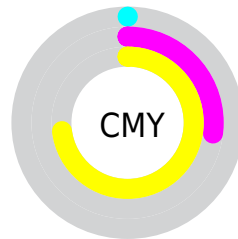


Cyan (0%)

Magenta (27%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBA44 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 FFBA44 by changing the saturation by 10% instead.

 FFBA44

 FFBA44

FFFFFF

 E09F27

 FFF27B

 C28500

 FFFF96

 A46C00

 FFFFB2

 865400

 FFFFCE


 693D00

 FFFFEC

 4D2700

 331200

 1C0001

 000000

 FFBA44

 FFBA44

 FFB12A

 FFC35D

 FFA711

 FFCD77

 FFA100

 FFD691

 FFE0AA

 FFE9C3

 FFF2DD

 FFFCF6

FFFFFF

Harmonies

Analogous

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



FFA16B



FFBA44



C5CF44

Triad

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



FFBA44



00E6EB



FAA6FF

Complementary

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



FFBA44



4489FF

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.



9AC0FF



FFBA44



00E1FF

Square

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



FFBA44



00E4A9



00D5FF



FF90E3

Rectangle

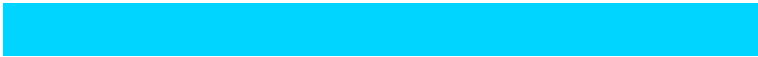
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBA44



96D95C



00D5FF



DFAFFF

Sweetspot

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



FFBA44



FFEAC7



FF448C



80735E



000000



808080

Same Dimension

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



FFBA44



FFAC1F



E9FF44



807B73



BF7900



402800

Inverse Universe

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



4489FF



1F71FF



5A44FF



737780



0047BF



001840

Previews

White Background



This preview shows how the Hex color FFBA44 looks on a white background.

Color Contrast Check

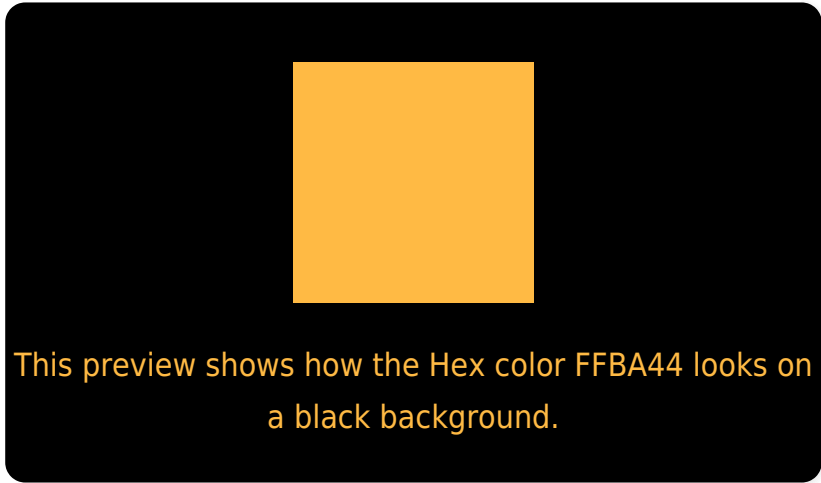
Large Text (above 18pt) WCAG AA × Fail

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 FFBA44 Background



This preview shows how black text looks on a background with the Hex color FFBA44.



This preview shows how white text looks on a background with the Hex color FFBA44.

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
FFBA44

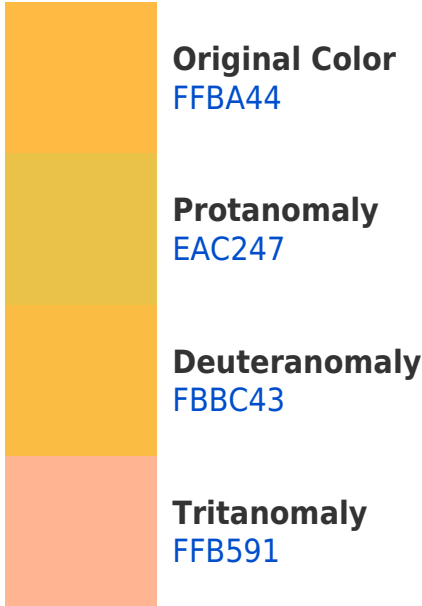
Protanopia
DEC748

Deuteranopia
F9BD43

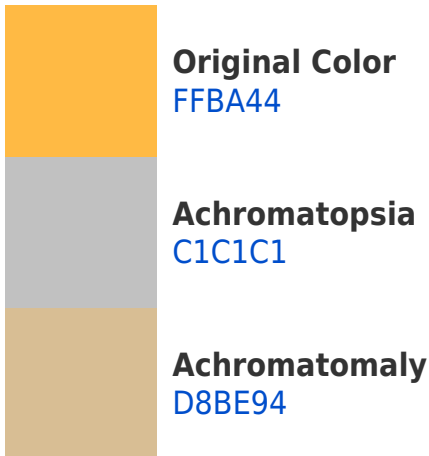


Tritanopia
FFB2BD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBA44 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 #FFBA44 looks like.

```
.text, #text, p{  
    color:#FFBA44  
}
```

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 #FFBA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBA44
}
```

Border

The CSS property to change the border of an element to Hex FFBA44 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
#FFBA44 }
```

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

```
.border{ border-color:#FFBA44 }
```

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

Here you see how a box with a 4 pixel #FFBA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBA44; -webkit-box-shadow:4px 4px  
4px 4px #FFBA44; box-shadow:4px 4px 4px  
4px #FFBA44 }
```

Background

The CSS property to change the background color of an element to Hex FFBA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBA44 }
```

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

```
.background{ background-color:#FFBA44 }
```

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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