

Converting Colors

Hex(FFBD50)

Have a look what the booklet for
Hex(FFBD50) contains.

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Color

Hex(FFBD50)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD50
RGB	255, 189, 80
RGB Percent	100%, 74%, 31%
CMY	0.0000, 0.2588, 0.6863
CMYK	0.00, 0.26, 0.69, 0.00
HSL	37°, 100%, 66%
HSV	37°, 69%, 100%
XYZ	60.8856, 58.2344, 15.6208
YIQ	196.3080, 74.3250, -19.9070

Conversions

Conversions Part 2

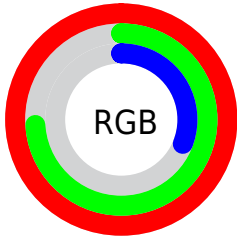
Format	Color
RYB	186, 255, 80
Decimal	16760144
CIELab	80.87, 13.48, 62.32
CIELCh	81, 63.757, 77.795
Yxy	58.2344, 0.4519, 0.4322
Android (android.graphics.Color)	4294950224 (0xFFFFBD50)
YUV	196.3080, -57.3398, 51.4729
Hunter-Lab	76.3115, 8.8723, 41.2815

Details

The Hex color **FFBD50** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5092FF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF586**, and **C28816** is the 20% darker color. If you saturate the color by 10%, you get **FFB337**, and if you desaturate by 10%, it is **FFC76A**.

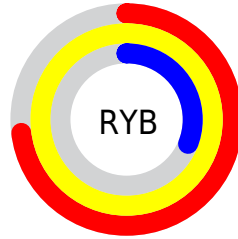
Distribution



Red (100%)

Green (74%)

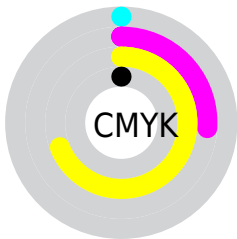
Blue (31%)



Red (73%)

Yellow (100%)

Blue (31%)

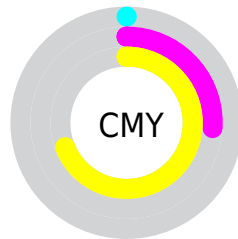


Cyan (0%)

Magenta (26%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBD50 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 FFBD50 by changing the saturation by 10% instead.

 FFBD50

 FFBD50

FFFFFF

 E0A235

 FFF586

 C28816

 FFFFA1

 A46F00

 FFFFBD

 875600

 FFFFDA

 6A3F00

 FFFFF7

 4E2900

 341500

 1D0000

 000000

 FFBD50

 FFBD50

 FFB337

 FFC76A

 FFAA1D

 FFD083

 FFA004

 FFDA9D

 FF9F00

 FFE3B6

 FFEDD0

 FFF7E9

FFFFFF

Harmonies

Analogous

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



FFA672



FFBD50



C8D150

Triad

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



FFBD50



00E6EB



F9ABFF

Complementary

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



FFBD50



5092FF

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.



A2C3FF



FFBD50



00E2FF

Square

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



FFBD50



00E5AE



00D6FF



FF97E4

Rectangle

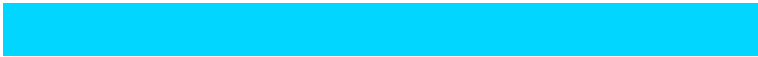
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBD50



9CDA66



00D6FF



E1B3FF

Sweetspot

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



FFBD50



FFEBC9



FF5093



807360



000000



808080

Same Dimension

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



FFBD50



FFB02E



EBFF50



807B73



BF7700



402800

Inverse Universe

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



5092FF



2E7DFF



6450FF



737880



0048BF



001840

Previews

White Background



This preview shows how the Hex color FFBD50 looks on a white background.

Color Contrast Check

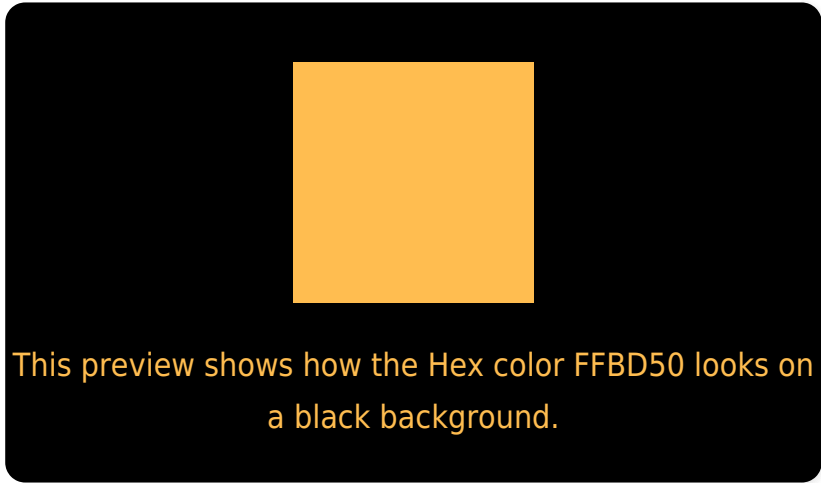
Large Text (above 18pt) WCAG AA × Fail

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 FFBD50 Background



This preview shows how black text looks on a background with the Hex color FFBD50.



This preview shows how white text looks on a background with the Hex color FFBD50.

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
FFBD50

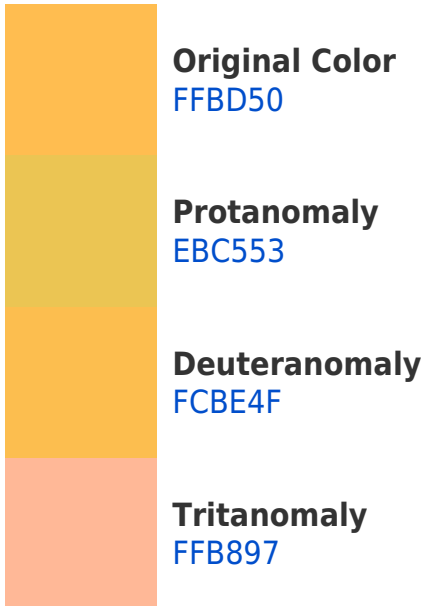
Protanopia
E0C954

Deuteranopia
FABF4F

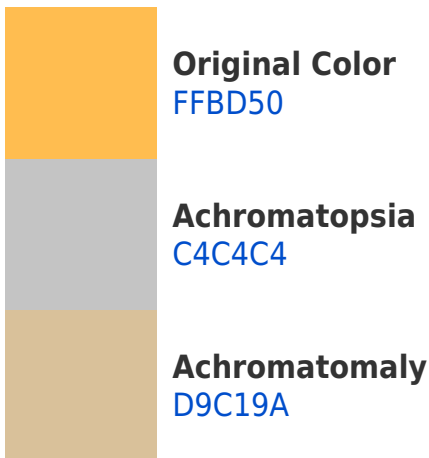


Tritanopia
FFB5C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBD50 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 #FFBD50 looks like.

```
.text, #text, p{  
    color:#FFBD50  
}
```

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 #FFBD50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD50
}
```

Border

The CSS property to change the border of an element to Hex FFBD50 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
#FFBD50 }
```

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

```
.border{ border-color:#FFBD50 }
```

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

Here you see how a box with a 4 pixel #FFBD50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD50; -webkit-box-shadow:4px 4px  
4px 4px #FFBD50; box-shadow:4px 4px 4px  
4px #FFBD50 }
```

Background

The CSS property to change the background color of an element to Hex FFBD50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD50 }
```

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

```
.background{ background-color:#FFBD50 }
```

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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