

Converting Colors

Hex(FFBD53)

Have a look what the booklet for
Hex(FFBD53) contains.

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Color

Hex(FFBD53)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD53
RGB	255, 189, 83
RGB Percent	100%, 74%, 33%
CMY	0.0000, 0.2588, 0.6745
CMYK	0.00, 0.26, 0.67, 0.00
HSL	37°, 100%, 66%
HSV	37°, 67%, 100%
XYZ	60.9989, 58.2797, 16.2177
YIQ	196.6500, 73.3620, -18.9740

Conversions

Conversions Part 2

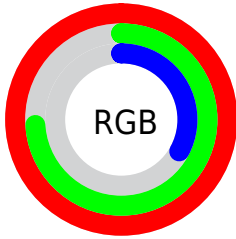
Format	Color
RYB	190, 255, 83
Decimal	16760147
CIELab	80.89, 13.64, 61.04
CIElCh	81, 62.547, 77.405
Yxy	58.2797, 0.4502, 0.4301
Android (android.graphics.Color)	4294950227 (0xFFFFBD53)
YUV	196.6500, -56.0294, 51.1730
Hunter-Lab	76.3412, 9.0300, 40.8434

Details

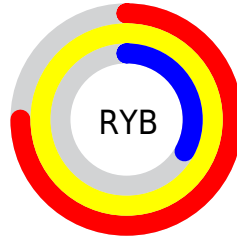
The Hex color **FFBD53** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5395FF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF589**, and **C2881B** is the 20% darker color. If you saturate the color by 10%, you get **FFB339**, and if you desaturate by 10%, it is **FFC76C**.

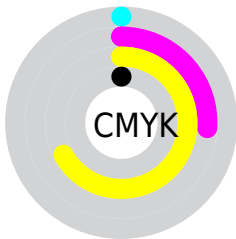
Distribution



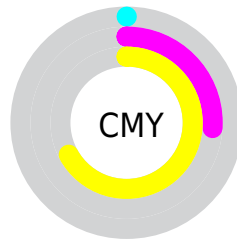
- Red (100%)
- Green (74%)
- Blue (33%)



- Red (75%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBD53 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 FFBD53 by changing the saturation by 10% instead.

 FFBD53

 FFBD53

FFFFFF

 E0A238

 FFF589

 C2881B

 FFFFA4

 A46F00

 FFFFC0

 875600

 FFFFDD

 6B3F00

 FFFFFA

 4F2900

 341500

 1D0000

 000000

 FFBD53

 FFBD53

 FFB339

 FFC76C

 FFA920

 FFD186

 FFA007

 FFDAA0

 FF9D00

 FFE4B9

 FFEED3

 FFF8EC

FFFFFF

Harmonies

Analogous

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



FFA775



FFBD53



C9D053

Triad

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



FFBD53



00E6EA



F8ACFF

Complementary

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



FFBD53



5395FF

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



FFBD53



00E2FF

Square

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



FFBD53



00E4AD



00D6FF



FF99E4

Rectangle

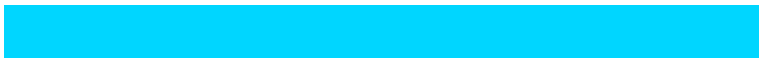
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBD53



9EDA67



00D6FF



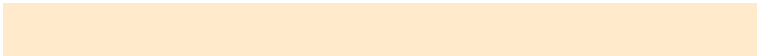
E0B4FF

Sweetspot

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



FFBD53



FFEBCB



FF5398



807461



000000



808080

Same Dimension

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



FFBD53



FFB030



EEFF53



807B73



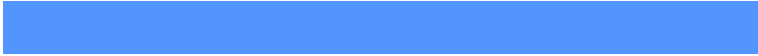
BF7600



402700

Inverse Universe

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



5395FF



3080FF



6453FF



737880



0049BF



001840

Previews

White Background



This preview shows how the Hex color FFBD53 looks on a white background.

Color Contrast Check

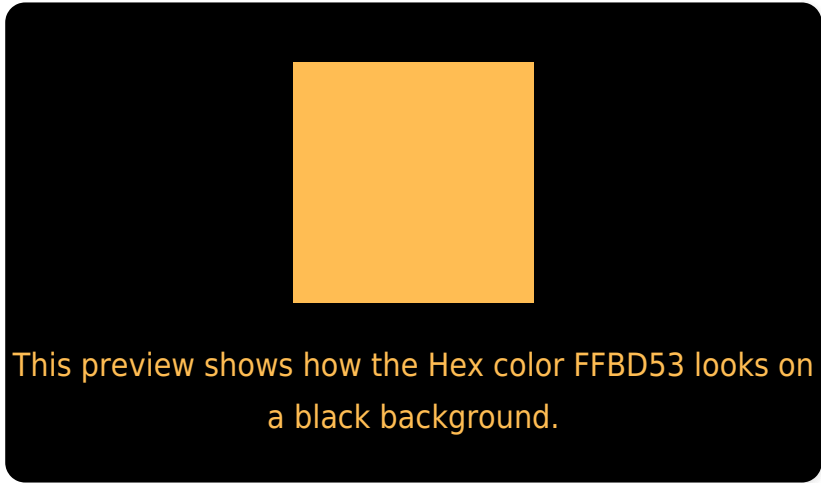
Large Text (above 18pt) WCAG AA × Fail

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 FFBD53 Background



This preview shows how black text looks on a background with the Hex color FFBD53.



This preview shows how white text looks on a background with the Hex color FFBD53.

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
FFBD53

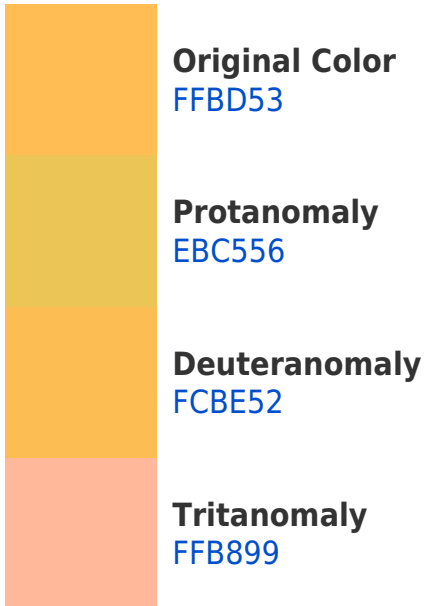
Protanopia
E0C957

Deuteranopia
FABF52

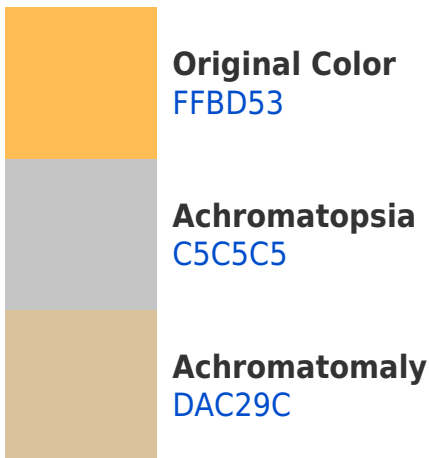


Tritanopia
FFB5C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBD53 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 #FFBD53 looks like.

```
.text, #text, p{  
    color:#FFBD53  
}
```

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 #FFBD53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD53
}
```

Border

The CSS property to change the border of an element to Hex FFBD53 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
#FFBD53 }
```

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

```
.border{ border-color:#FFBD53 }
```

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

Here you see how a box with a 4 pixel #FFBD53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD53; -webkit-box-shadow:4px 4px  
4px 4px #FFBD53; box-shadow:4px 4px 4px  
4px #FFBD53 }
```

Background

The CSS property to change the background color of an element to Hex FFBD53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD53 }
```

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

```
.background{ background-color:#FFBD53 }
```

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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