

Converting Colors

Hex(FFBB53)

Have a look what the booklet for
Hex(FFBB53) contains.

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Color

Hex(FFB53)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB53
RGB	255, 187, 83
RGB Percent	100%, 73%, 33%
CMY	0.0000, 0.2667, 0.6745
CMYK	0.00, 0.27, 0.67, 0.00
HSL	36°, 100%, 66%
HSV	36°, 67%, 100%
XYZ	60.5717, 57.4252, 16.0753
YIQ	195.4760, 73.9120, -17.9280

Conversions

Conversions Part 2

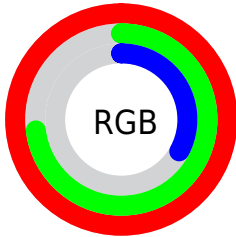
Format	Color
RYB	195, 255, 83
Decimal	16759635
CIELab	80.42, 14.68, 60.53
CIElCh	80, 62.288, 76.368
Yxy	57.4252, 0.4518, 0.4283
Android (android.graphics.Color)	4294949715 (0xFFFFBB53)
YUV	195.4760, -55.4507, 52.2025
Hunter-Lab	75.7794, 10.0639, 40.4682

Details

The Hex color **FFBB53** 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 **5397FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFF389**, and **C2861B** is the 20% darker color. If you saturate the color by 10%, you get **FFB139**, and if you desaturate by 10%, it is **FFC56C**.

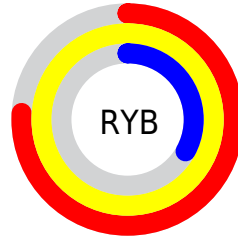
Distribution



Red (100%)

Green (73%)

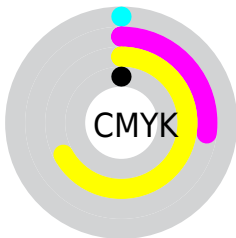
Blue (33%)



Red (76%)

Yellow (100%)

Blue (33%)

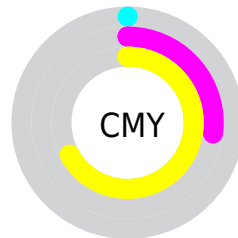


Cyan (0%)

Magenta (27%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBB53 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 FFBB53 by changing the saturation by 10% instead.

 FFBB53

 FFBB53

FFFFFF

 E0A038

 FFF389

 C2861B

 FFFFA4

 A46D00

 FFFFC0

 875500

 FFFFDD

 6A3D00

 FFFFFA

 4E2800

 341300

 1D0000

 000000

 FFBB53

 FFBB53

 FFB139

 FFC56C

 FFA720

 FFCE86

 FF9D07

 FFD9A0

 FF9A00

 FFE3B9

 FFEDD3

 FFF7EC

FFFFFF

Harmonies

Analogous

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



FFA576



FFBB53



CACE51

Triad

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



FFBB53



00E5E6



F4ABFF

Complementary

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



FFBB53



5397FF

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.



9DC3FF



FFBB53



00E1FF

Square

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



FFBB53



00E3AA



00D5FF



FF98E5

Rectangle

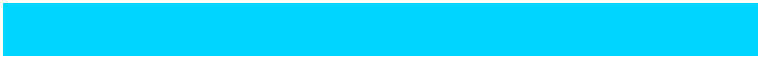
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBB53



9FD865



00D5FF



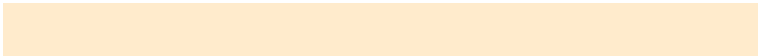
DCB3FF

Sweetspot

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



FFBB53



FFEBCB



FF5398



807361



000000



808080

Same Dimension

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



FFBB53



FFAD30



EEFF53



807A73



BF7400



402700

Inverse Universe

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



5397FF



3082FF



6453FF



737880



004CBF



001940

Previews

White Background



This preview shows how the Hex color FFBB53 looks on a white background.

Color Contrast Check

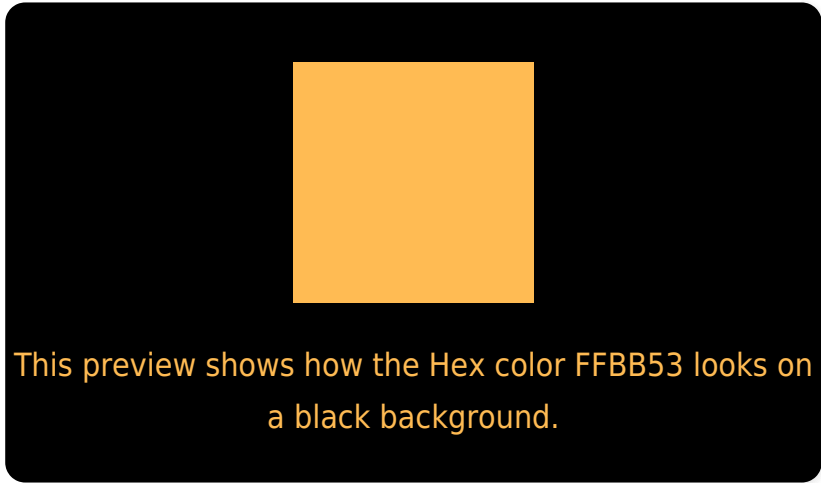
Large Text (above 18pt) WCAG AA × Fail

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 FFBB53 Background



This preview shows how black text looks on a background with the Hex color FFBB53.

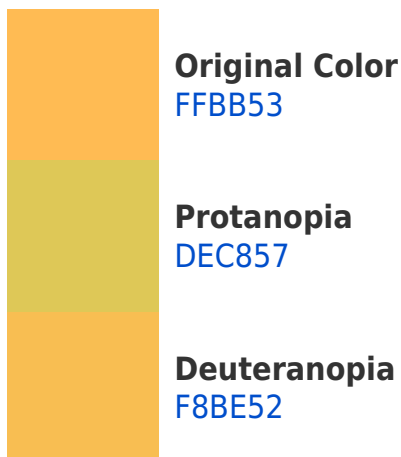


This preview shows how white text looks on a background with the Hex color FFBB53.

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](#).

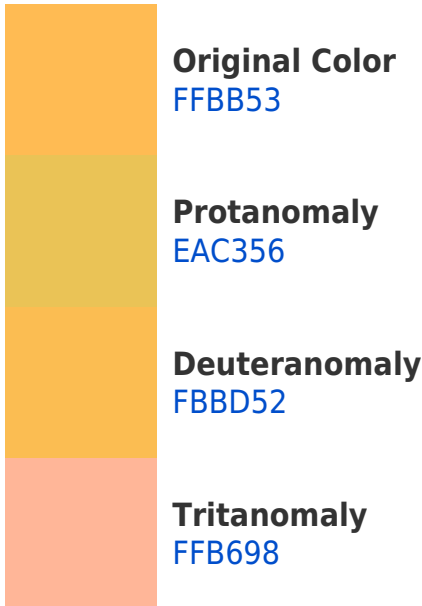
Dichromacy





Tritanopia
FFB3BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBB53 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 #FFBB53 looks like.

```
.text, #text, p{  
    color:#FFBB53  
}
```

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 #FFBB53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBB53
}
```

Border

The CSS property to change the border of an element to Hex FFBB53 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
#FFBB53 }
```

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

```
.border{ border-color:#FFBB53 }
```

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

Here you see how a box with a 4 pixel #FFBB53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBB53; -webkit-box-shadow:4px 4px  
4px 4px #FFBB53; box-shadow:4px 4px 4px  
4px #FFBB53 }
```

Background

The CSS property to change the background color of an element to Hex FFBB53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBB53 }
```

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

```
.background{ background-color:#FFBB53 }
```

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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