

Converting Colors

Hex(FFB52D)

Have a look what the booklet for
Hex(FFB52D) contains.

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Color

Hex(FFB52D)

Conversions

Conversions Part 1

Format	Color
Hex	FFB52D
RGB	255, 181, 45
RGB Percent	100%, 71%, 18%
CMY	0.0000, 0.2902, 0.8235
CMYK	0.00, 0.29, 0.82, 0.00
HSL	39°, 100%, 59%
HSV	39°, 82%, 100%
XYZ	58.2375, 54.4972, 9.9322
YIQ	187.6220, 87.7600, -26.6080

Conversions

Conversions Part 2

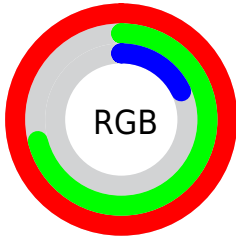
Format	Color
RYB	159, 255, 45
Decimal	16758061
CIELab	78.75, 16.27, 73.33
CIElCh	79, 75.115, 77.492
Yxy	54.4972, 0.4748, 0.4443
Android (android.graphics.Color)	4294948141 (0xFFFFB52D)
YUV	187.6220, -70.3126, 59.0905
Hunter-Lab	73.8222, 11.6278, 43.6986

Details

The Hex color **FFB52D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2D77FF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFED67**, and **C18000** is the 20% darker color. If you saturate the color by 10%, you get **FFAC14**, and if you desaturate by 10%, it is **FFBE47**.

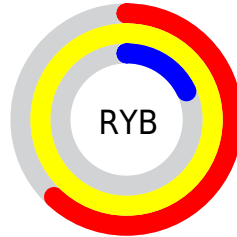
Distribution



Red (100%)

Green (71%)

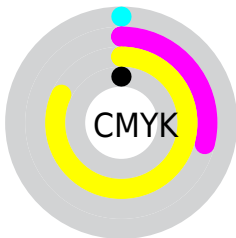
Blue (18%)



Red (62%)

Yellow (100%)

Blue (18%)

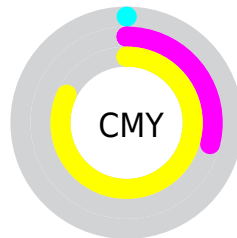


Cyan (0%)

Magenta (29%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB52D 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 FFB52D by changing the saturation by 10% instead.

 FFB52D

 FFB52D

FFFFFF

 E09A00

 FFED67

 C18000

 FFFF83

 A36700

 FFFF9F

 854F00

 FFFFBC

 683900

 FFFFD9

 4C2300

 FFFFF6

 310E00

 170000

 000000

 FFB52D

 FFB52D

 FFAC14

 FFBE47

 FFA500

 FFC760

 FFD07A

 FFD993

 FFE2AD

 FFEBC6

 FFF4E0

 FFFDF9

FFFFFF

Harmonies

Analogous

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



FF985E



FFB52D



C0CC2B

Triad

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



FFB52D



00E4EB



FA9EFF

Complementary

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



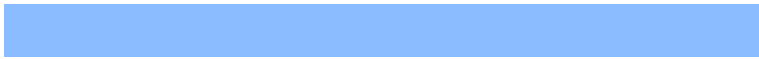
FFB52D



2D77FF

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.



8ABCFF



FFB52D



00E0FF

Square

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



FFB52D



00E2A2



00D3FF



FF84E3

Rectangle

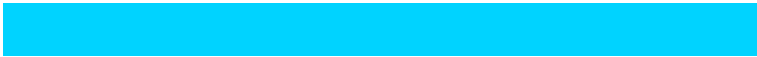
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB52D



8CD74B



00D3FF



DCA9FF

Sweetspot

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



FFB52D



FFE9BF



FF2D7A



807259



000000



808080

Same Dimension

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



FFB52D



FFA603



E3FF2D



807B73



BF7C00



402900

Inverse Universe

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



2D77FF



035CFF



492DFF



737780



0043BF



001640

Previews

White Background



This preview shows how the Hex color FFB52D looks on a white background.

Color Contrast Check

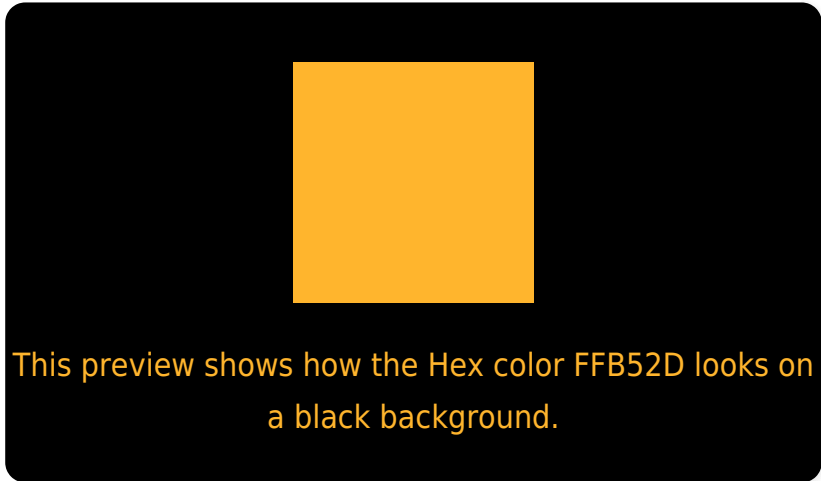
Large Text (above 18pt) WCAG AA × Fail

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 FFB52D Background



This preview shows how black text looks on a background with the Hex color FFB52D.



This preview shows how white text looks on a background with the Hex color FFB52D.

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
FFB52D

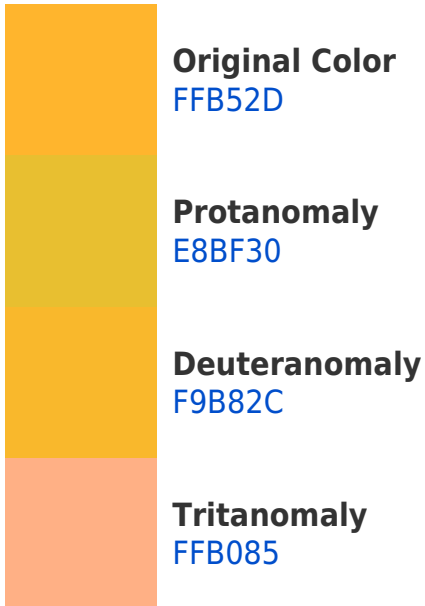
Protanopia
DBC431

Deuteranopia
F6B92B

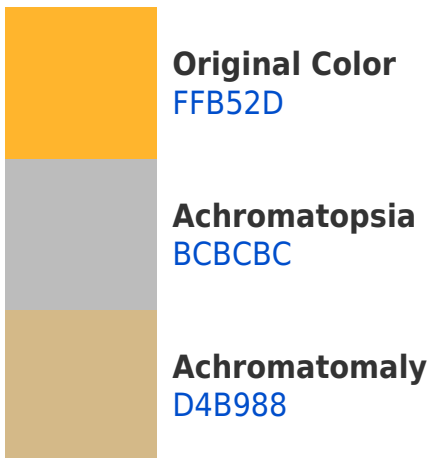


Tritanopia
FFADB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB52D 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 #FFB52D looks like.

```
.text, #text, p{  
    color:#FFB52D  
}
```

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 #FFB52D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB52D
}
```

Border

The CSS property to change the border of an element to Hex FFB52D 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
#FFB52D }
```

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

```
.border{ border-color:#FFB52D }
```

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

Here you see how a box with a 4 pixel #FFB52D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB52D; -webkit-box-shadow:4px 4px  
4px 4px #FFB52D; box-shadow:4px 4px 4px  
4px #FFB52D }
```

Background

The CSS property to change the background color of an element to Hex FFB52D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB52D }
```

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

```
.background{ background-color:#FFB52D }
```

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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