

Converting Colors

Hex(FFB328)

Have a look what the booklet for
Hex(FFB328) contains.

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Color

Hex(FFB328)

Conversions

Conversions Part 1

Format	Color
Hex	FFB328
RGB	255, 179, 40
RGB Percent	100%, 70%, 16%
CMY	0.0000, 0.2980, 0.8431
CMYK	0.00, 0.30, 0.84, 0.00
HSL	39°, 100%, 58%
HSV	39°, 84%, 100%
XYZ	57.7431, 53.6534, 9.3202
YIQ	185.8780, 89.9150, -27.1170

Conversions

Conversions Part 2

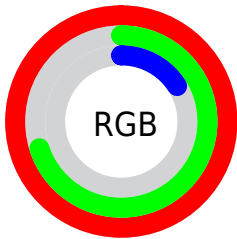
Format	Color
R _Y B	158, 255, 40
Decimal	16757544
CIE Lab	78.26, 17.18, 74.37
CIE LCh	78, 76.332, 76.992
Yxy	53.6534, 0.4783, 0.4445
Android (android.graphics.Color)	4294947624 (0xFFFFB328)
YUV	185.8780, -71.9179, 60.6200
Hunter-Lab	73.2485, 12.5299, 43.7298

Details

The Hex color **FFB328** 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 **2874FF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFEB64**, and **C17E00** is the 20% darker color. If you saturate the color by 10%, you get **FFAA0F**, and if you desaturate by 10%, it is **FFBC42**.

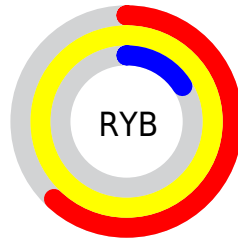
Distribution



Red (100%)

Green (70%)

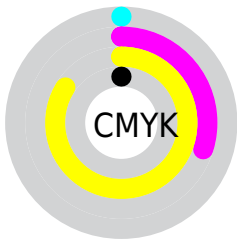
Blue (16%)



Red (62%)

Yellow (100%)

Blue (16%)

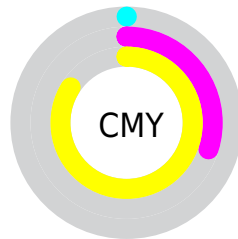


Cyan (0%)

Magenta (30%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB328 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 FFB328 by changing the saturation by 10% instead.

 FFB328

 FFB328

FFFFFF

 E09800

 FFE864

 C17E00

 FFFF80

 A26600

 FFFF9C

 844E00

 FFFF80

 673700

 FFFFD5

 4B2100

 FFFFF3

 310D00

 150000

 000000

 #FFB328

 #FFB328

 #FFAA0F

 #FFBC42

 #FFA500

 #FFC55B

 #FFCE75

 #FFD78E

 #FFE0A8

 #FFE9C1

 #FFF2DB

 #FFFBF4

#FFFFFF

Harmonies

Analogous

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



FF965C



FFB328



BFCA24

Triad

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



FFB328



00E3E9



F89DFF

Complementary

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



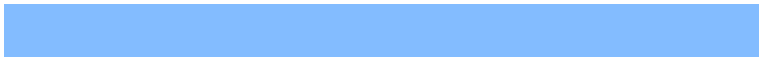
FFB328



2874FF

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.



83BCFF



FFB328



00DFFF

Square

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



FFB328



00E19F



00D2FF



FF81E4

Rectangle

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



FFB328



8BD546



00D2FF



D9A7FF

Sweetspot

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



FFB328



FFE8BF



FF2877



807259



000000



808080

Same Dimension

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



FFB328



FFA500



E2FF28



807B73



BF7C00



402900

Inverse Universe

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



2874FF



005AFF



4528FF



737780



0044BF



001740

Previews

White Background



This preview shows how the Hex color FFB328 looks on a white background.

Color Contrast Check

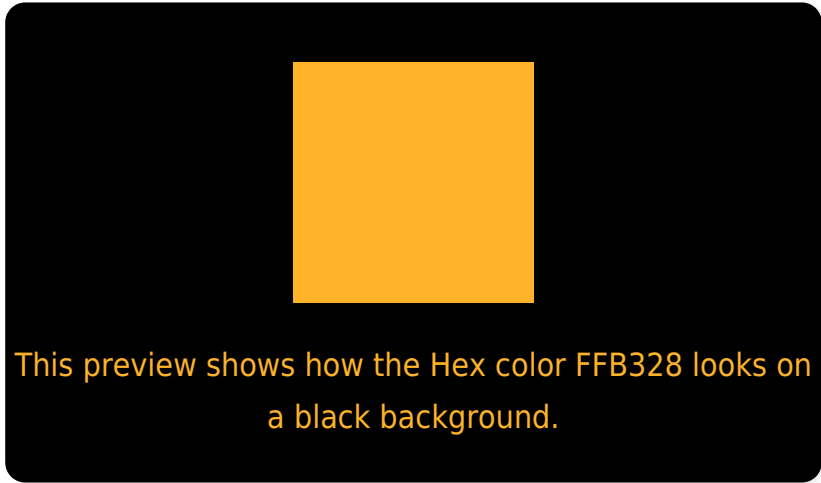
Large Text (above 18pt) WCAG AA × Fail

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 FFB328 Background



This preview shows how black text looks on a background with the Hex color FFB328.



This preview shows how white text looks on a background with the Hex color FFB328.

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
FFB328

Protanopia
DAC22C

Deuteranopia
F4B825

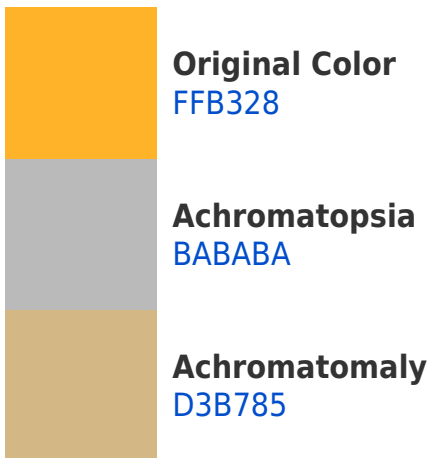


Tritanopia
FFABB5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB328 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 #FFB328 looks like.

```
.text, #text, p{  
    color:#FFB328  
}
```

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 #FFB328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB328
}
```

Border

The CSS property to change the border of an element to Hex FFB328 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
#FFB328 }
```

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

```
.border{ border-color:#FFB328 }
```

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

Here you see how a box with a 4 pixel #FFB328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB328; -webkit-box-shadow:4px 4px  
4px 4px #FFB328; box-shadow:4px 4px 4px  
4px #FFB328 }
```

Background

The CSS property to change the background color of an element to Hex FFB328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB328 }
```

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

```
.background{ background-color:#FFB328 }
```

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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