

Converting Colors

Hex(FFB66C)

Have a look what the booklet for
Hex(FFB66C) contains.

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Color

Hex(FFB66C)

Conversions

Conversions Part 1

Format	Color
Hex	FFB66C
RGB	255, 182, 108
RGB Percent	100%, 71%, 42%
CMY	0.0000, 0.2863, 0.5765
CMYK	0.00, 0.29, 0.58, 0.00
HSL	30°, 100%, 71%
HSV	30°, 58%, 100%
XYZ	60.6747, 55.7986, 21.7597
YIQ	195.3910, 67.2620, -7.5380

Conversions

Conversions Part 2

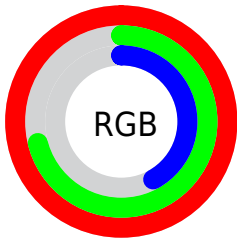
Format	Color
RYB	253, 255, 108
Decimal	16758380
CIELab	79.50, 18.89, 47.72
CIELCh	79, 51.324, 68.409
Yxy	55.7986, 0.4389, 0.4037
Android (android.graphics.Color)	4294948460 (0xFFFFB66C)
YUV	195.3910, -43.0838, 52.2771
Hunter-Lab	74.6985, 14.2664, 35.0178

Details

The Hex color **FFB66C** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6CB5FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEEA1**, and **C3813A** is the 20% darker color. If you saturate the color by 10%, you get **FFA953**, and if you desaturate by 10%, it is **FFC386**.

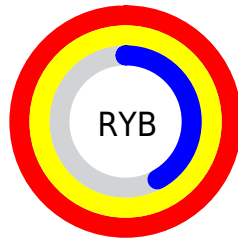
Distribution



Red (100%)

Green (71%)

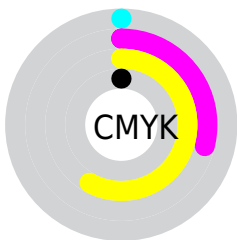
Blue (42%)



Red (99%)

Yellow (100%)

Blue (42%)

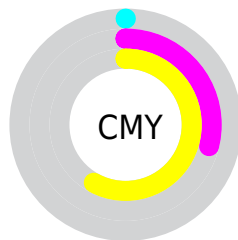


Cyan (0%)

Magenta (29%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB66C 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 FFB66C by changing the saturation by 10% instead.

 FFB66C

 FFB66C

FFFFFF

 E19B53

 FFEEA1

 C3813A

 FFFFBD

 A56820

 FFFF99

 885003

 FFFFF6

 6C3800

 502200

 360D00

 1E0001

 000000

■ #FFB66C

■ #FFB66C

■ #FFA953

■ #FFC386

■ #FF9D39

■ #FFCF9F

■ #FF9020

■ #FFDCB9

■ #FF8306

■ #FFE9D2

■ #FF8000

■ #FFF5EC

FFFFFF

Harmonies

Analogous

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



FFA68C



FFB66C



D5C764

Triad

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



FFB66C



00DED1



DBB3FF

Complementary

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



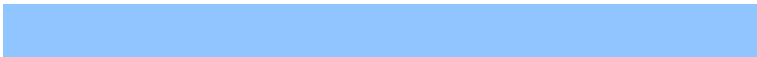
FFB66C



6CB5FF

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.



90C5FF



FFB66C



00DCFF

Square

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



FFB66C



61DBA0



00D3FF



FFA3E9

Rectangle

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



FFB66C



B4D06E



00D3FF



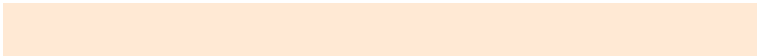
C5B9FF

Sweetspot

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



FFB66C



FFE9D4



FF6CB6



807366



000000



808080

Same Dimension

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



FFB66C



FFA84F



FFFF6C



807973



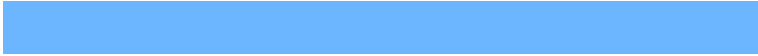
BF6000



402000

Inverse Universe

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



6CB5FF



4FA6FF



6C6CFF



737980



005FBF



002040

Previews

White Background



This preview shows how the Hex color FFB66C looks on a white background.

Color Contrast Check

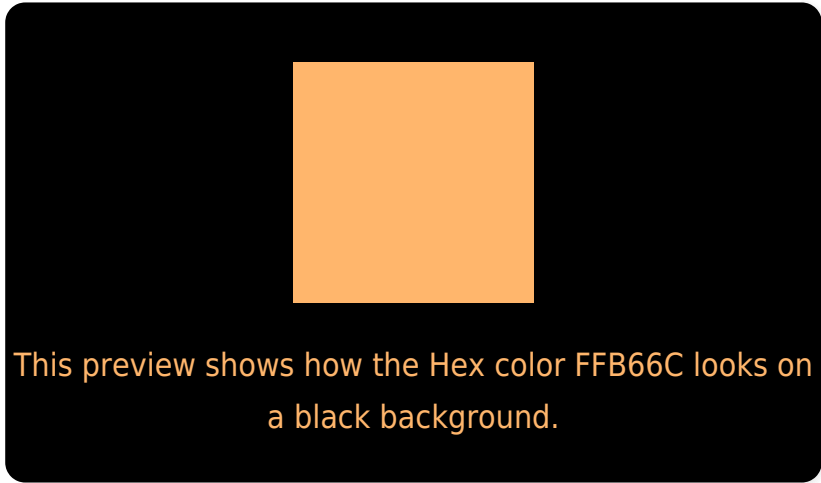
Large Text (above 18pt) WCAG AA × Fail

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

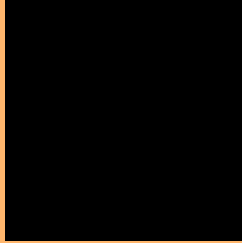
Any Text WCAG AA ✓ Pass

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 FFB66C Background



This preview shows how black text looks on a background with the Hex color FFB66C.

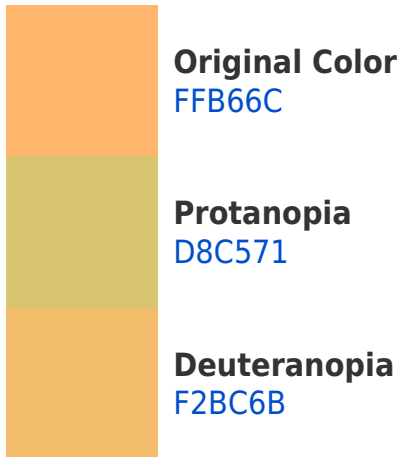


This preview shows how white text looks on a background with the Hex color FFB66C.

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



Trichromacy



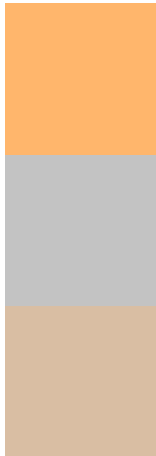
Original Color
FFB66C

Protanomaly
E6C06F

Deuteranomaly
F7BA6B

Tritanomaly
FFB29E

Monochromacy



Original Color
FFB66C

Achromatopsia
C3C3C3

Achromatomaly
D9BEA3

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB66C 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 #FFB66C looks like.

```
.text, #text, p{  
    color:#FFB66C  
}
```

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 #FFB66C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB66C
}
```

Border

The CSS property to change the border of an element to Hex FFB66C 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
#FFB66C }
```

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

```
.border{ border-color:#FFB66C }
```

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

Here you see how a box with a 4 pixel #FFB66C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB66C; -webkit-box-shadow:4px 4px  
4px 4px #FFB66C; box-shadow:4px 4px 4px  
4px #FFB66C }
```

Background

The CSS property to change the background color of an element to Hex FFB66C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB66C }
```

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

```
.background{ background-color:#FFB66C }
```

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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