

Converting Colors

Hex(FFB26C)

Have a look what the booklet for
Hex(FFB26C) contains.

Hex(FFB26C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFB26C)

Conversions

Conversions Part 1

Format	Color
Hex	FFB26C
RGB	255, 178, 108
RGB Percent	100%, 70%, 42%
CMY	0.0000, 0.3020, 0.5765
CMYK	0.00, 0.30, 0.58, 0.00
HSL	29°, 100%, 71%
HSV	29°, 58%, 100%
XYZ	59.8672, 54.1835, 21.4905
YIQ	193.0430, 68.3620, -5.4460

Conversions

Conversions Part 2

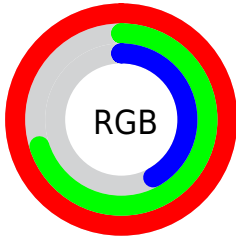
Format	Color
RYB	255, 242, 108
Decimal	16757356
CIELab	78.57, 20.98, 46.60
CIELCh	79, 51.107, 65.766
Yxy	54.1835, 0.4417, 0.3998
Android (android.graphics.Color)	4294947436 (0xFFFFB26C)
YUV	193.0430, -41.9262, 54.3363
Hunter-Lab	73.6094, 16.3590, 34.2167

Details

The Hex color **FFB26C** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6CB9FF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEAA1**, and **C37D3A** is the 20% darker color. If you saturate the color by 10%, you get **FFA553**, and if you desaturate by 10%, it is **FFBF86**.

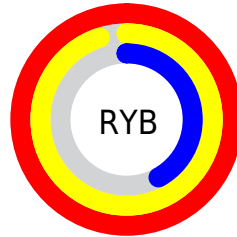
Distribution



Red (100%)

Green (70%)

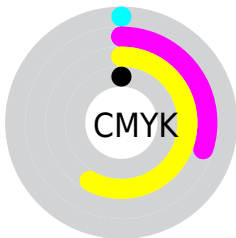
Blue (42%)



Red (100%)

Yellow (95%)

Blue (42%)

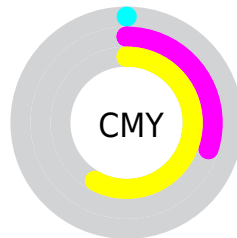


Cyan (0%)

Magenta (30%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB26C 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 FFB26C by changing the saturation by 10% instead.

 FFB26C

 FFB26C

FFFFFF

 E19753

 FFEAA1

 C37D3A

 FFFFBC

 A56421

 FFFFD9

 884C04

 FFFFF5

 6C3500

 501F00

 350900

 1C0001

 000000

 #FFB26C

 #FFB26C

 #FFA553

 #FFBF86

 #FF9739

 #FFCD9F

 #FF8A20

 #FFDAB9

 #FF7D06

 #FFE7D2

 #FF7900

 #FFF5EC

#FFFFFF

Harmonies

Analogous

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



FFA28D



FFB26C



D7C361

Triad

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



FFB26C



00DBCA



D3B2FF

Complementary

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



FFB26C



6CB9FF

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.



85C4FF



FFB26C



00D9F9

Square

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



FFB26C



66D89A



00D2FF



FFA2EA

Rectangle

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



FFB26C



B6CC6A



00D2FF



BCB9FF

Sweetspot

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



FFB26C



FFE8D4



FF6CBA



807266



000000



808080

Same Dimension

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



FFB26C



FFA34F



FFFA6C



807973



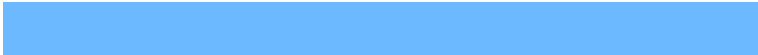
BF5B00



401E00

Inverse Universe

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



6CB9FF



4FABFF



6C71FF



737980



0064BF



002140

Previews

White Background



This preview shows how the Hex color FFB26C 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

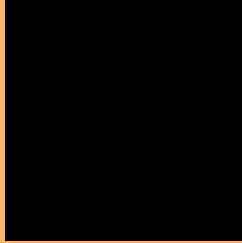
Any Text WCAG AA ✓ Pass

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 FFB26C Background



This preview shows how black text looks on a background with the Hex color FFB26C.

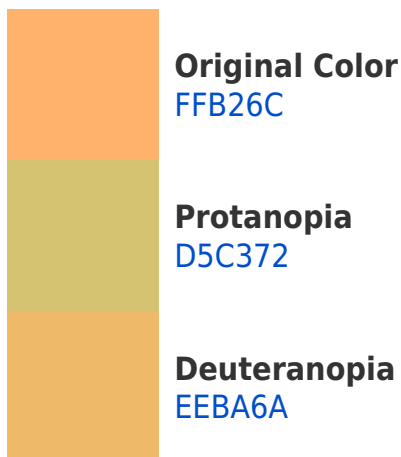


This preview shows how white text looks on a background with the Hex color FFB26C.

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](#).

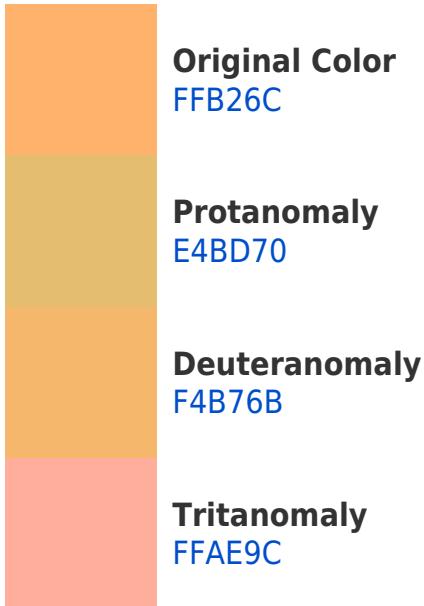
Dichromacy



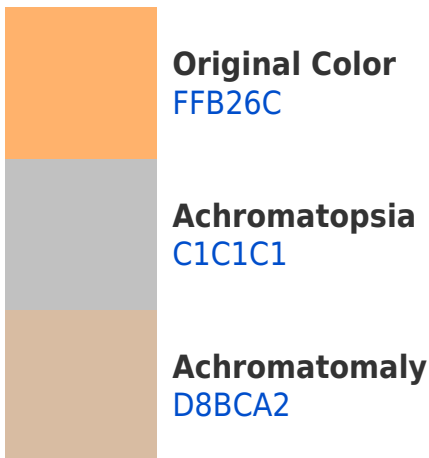


Tritanopia
FFACB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB26C 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 #FFB26C looks like.

```
.text, #text, p{  
    color:#FFB26C  
}
```

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 #FFB26C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB26C }  
}
```

Border

The CSS property to change the border of an element to Hex FFB26C 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 #FFB26C }  
}
```

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

```
.border{ border-color:#FFB26C }
```

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

Here you see how a box with a 4 pixel #FFB26C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB26C; -webkit-box-shadow:4px 4px  
4px 4px #FFB26C; box-shadow:4px 4px 4px  
4px #FFB26C }
```

Background

The CSS property to change the background color of an element to Hex FFB26C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB26C }
```

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

```
.background{ background-color:#FFB26C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor