

Converting Colors

Hex(FFB64E)

Have a look what the booklet for
Hex(FFB64E) contains.

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Color

Hex(FFB64E)

Conversions

Conversions Part 1

Format	Color
Hex	FFB64E
RGB	255, 182, 78
RGB Percent	100%, 71%, 31%
CMY	0.0000, 0.2863, 0.6941
CMYK	0.00, 0.29, 0.69, 0.00
HSL	35°, 100%, 65%
HSV	35°, 69%, 100%
XYZ	59.3431, 55.2660, 14.7474
YIQ	191.9710, 76.8920, -16.8680

Conversions

Conversions Part 2

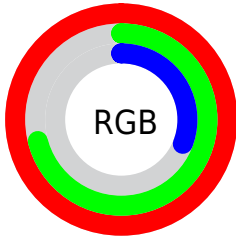
Format	Color
RYB	202, 255, 78
Decimal	16758350
CIELab	79.19, 17.03, 61.42
CIELCh	79, 63.734, 74.505
Yxy	55.2660, 0.4588, 0.4272
Android (android.graphics.Color)	4294948430 (0xFFFFB64E)
YUV	191.9710, -56.1877, 55.2764
Hunter-Lab	74.3411, 12.3915, 40.2771

Details

The Hex color **FFB64E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4E97FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFEE84**, and **C28114** is the 20% darker color. If you saturate the color by 10%, you get **FFAB35**, and if you desaturate by 10%, it is **FFC168**.

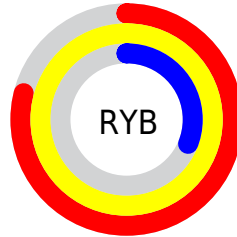
Distribution



Red (100%)

Green (71%)

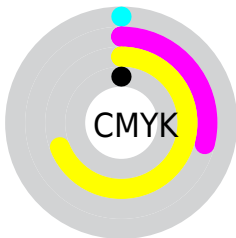
Blue (31%)



Red (79%)

Yellow (100%)

Blue (31%)

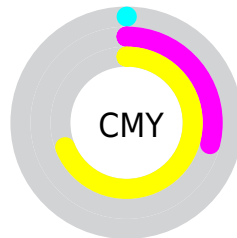


Cyan (0%)

Magenta (29%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB64E 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 FFB64E by changing the saturation by 10% instead.

 FFB64E

 FFB64E

FFFFFF

 E09B33

 FFEE84

 C28114

 FFFF9F

 A46800

 FFFFBB

 875000

 FFFFD7

 6A3900

 FFFFF4

 4E2300

 330F00

 1B0001

 000000

 #FFB64E

 #FFB64E

 #FFAB35

 #FFC168

 #FFA11B

 #FFCB81

 #FF9602

 #FFD69B

 #FF9600

 #FFE0B4

 #FFEBCD

 #FFF5E7

FFFFFF

Harmonies

Analogous

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



FF9F73



FFB64E



CACA4A

Triad

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



FFB64E



00E2E0



EDA9FF

Complementary

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



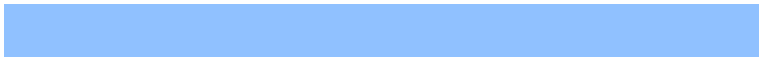
FFB64E



4E97FF

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.



90C1FF



FFB64E



00DEFF

Square

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



FFB64E



00E0A2



00D3FF



FF94E5

Rectangle

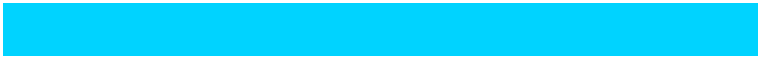
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB64E



9FD45D



00D3FF



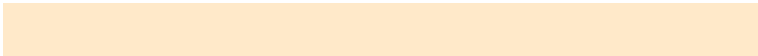
D3B1FF

Sweetspot

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



FFB64E



FFE9C9



FF4E98



807260



000000



808080

Same Dimension

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



FFB64E



FFA82B



F0FF4E



807A73



BF7000



402500

Inverse Universe

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



4E97FF



2B83FF



5D4EFF



737880



004FBF



001A40

Previews

White Background



This preview shows how the Hex color FFB64E looks on a white background.

Color Contrast Check

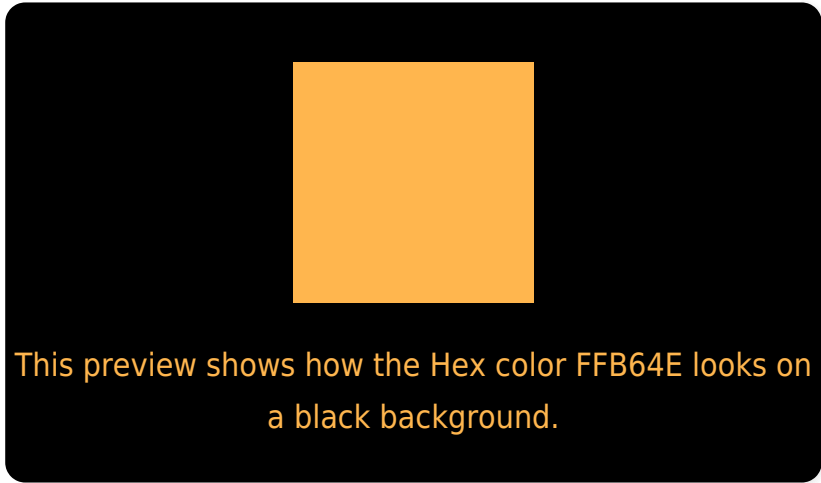
Large Text (above 18pt) WCAG AA × Fail

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 FFB64E Background



This preview shows how black text looks on a background with the Hex color FFB64E.

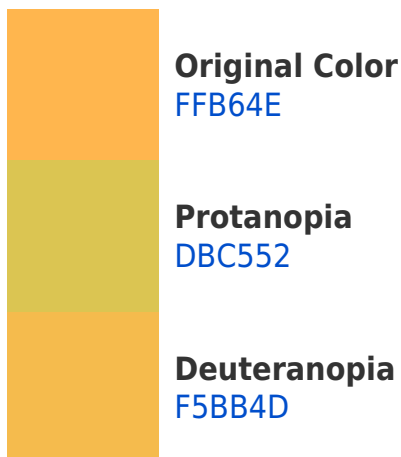


This preview shows how white text looks on a background with the Hex color FFB64E.

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](#).

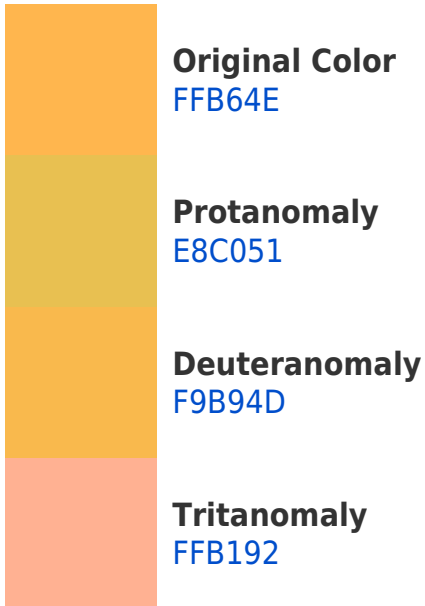
Dichromacy



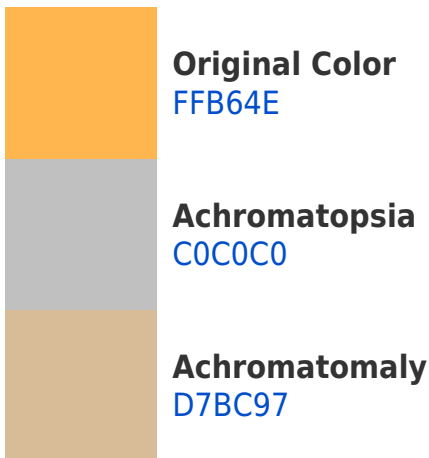


Tritanopia
FFAEB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB64E 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 #FFB64E looks like.

```
.text, #text, p{  
    color:#FFB64E  
}
```

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 #FFB64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB64E
}
```

Border

The CSS property to change the border of an element to Hex FFB64E 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
#FFB64E }
```

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

```
.border{ border-color:#FFB64E }
```

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

Here you see how a box with a 4 pixel #FFB64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB64E; -webkit-box-shadow:4px 4px  
4px 4px #FFB64E; box-shadow:4px 4px 4px  
4px #FFB64E }
```

Background

The CSS property to change the background color of an element to Hex FFB64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB64E }
```

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

```
.background{ background-color:#FFB64E }
```

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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