

# Converting Colors

Hex(FBA76E)

Have a look what the booklet for  
Hex(FBA76E) contains.

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**Color**

**Hex(FBA76E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBA76E
RGB	251, 167, 110
RGB Percent	98%, 65%, 43%
CMY	0.0157, 0.3451, 0.5686
CMYK	0.00, 0.33, 0.56, 0.02
HSL	24°, 95%, 71%
HSV	24°, 56%, 98%
XYZ	56.4169, 49.2725, 21.2889
YIQ	185.6180, 68.3610, 0.0810

# Conversions

## Conversions Part 2

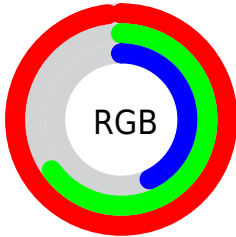
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 206, 110
Decimal	16492398
CIE <sub>Lab</sub>	75.62, 25.29, 41.89
CIE <sub>LCh</sub>	76, 48.927, 58.879
Yxy	49.2725, 0.4443, 0.3880
Android (android.graphics.Color)	4294682478 (0xFFFB76E)
YUV	185.6180, -37.2797, 57.3400
Hunter-Lab	70.1943, 20.6246, 31.1543

# Details

The Hex color **FBA76E** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6EC2FB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDEA3**, and **BF733D** is the 20% darker color. If you saturate the color by 10%, you get **FB9855**, and if you desaturate by 10%, it is **FBB687**.

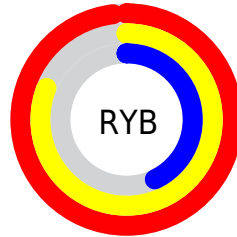
# Distribution



Red (98%)

Green (65%)

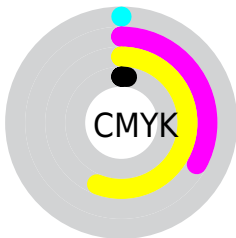
Blue (43%)



Red (98%)

Yellow (81%)

Blue (43%)

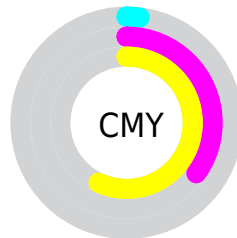


Cyan (0%)

Magenta (33%)

Yellow (56%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBA76E 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 FBA76E by changing the saturation by 10% instead.



 FBA76E

 FBA76E

FFFFFF

 DD8C55

 FFDEA3

 BF733D

 FFFBBE

 A15A25

 FFFFDA

 84420C

 FFFFF7

 682A00

 4C1400

 320000

 100000

 000000

 FBA76E

 FBA76E

 FB9855

 FBB687

 FB893C

 FBC5A0

 FB7A23

 FBD4B9

 FB6B0A

 FBE3D2

 FB6500

 FBF2EC

 FBFFFF

# Harmonies

## Analogous

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



FF9991



FBA76E



D8B75E

# Triad

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



FBA76E



02D1B7



BBAFFF

# Complementary

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



FBA76E



6EC2FB

# 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.



6BBFFF



FBA76E



00D1E4

# Square

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



FBA76E



72CD8A



00CBFF



F19FEA

# Rectangle

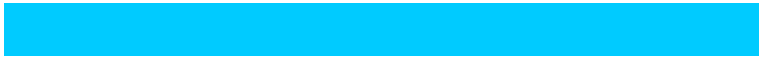
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBA76E



BAC162



00CBFF



A4B5FF



# Sweetspot

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



FBA76E



FFE5D4



FB6EC3



807066



000000



808080



# Same Dimension

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



FBA76E



FF9954



FBED6E



7D7670



BD4C00



3D1900



# Inverse Universe

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



6EC2FB



54BAFF



6E7CFB



70787D



0070BD



00243D



# Previews

## White Background



This preview shows how the Hex color FBA76E looks on a white background.

## Color Contrast Check

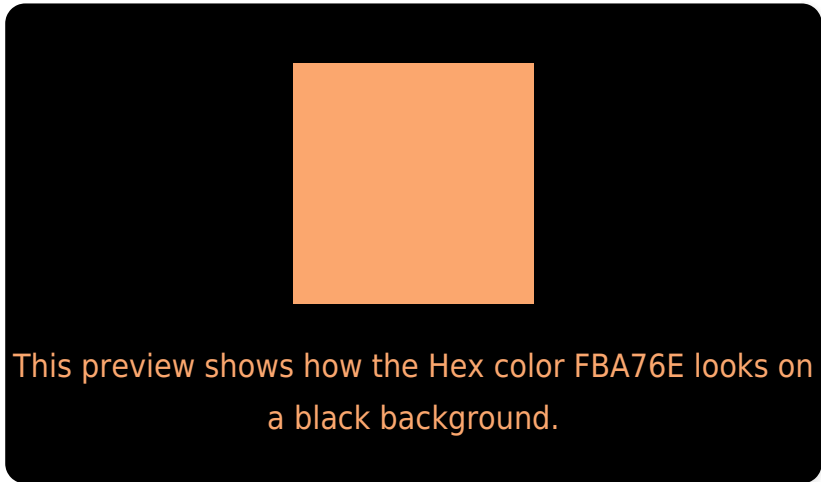
Large Text (above 18pt) WCAG AA × Fail

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

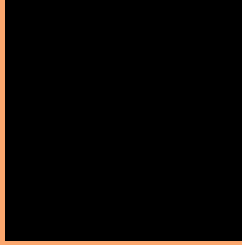
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FBA76E Background



This preview shows how black text looks on a background with the Hex color FBA76E.

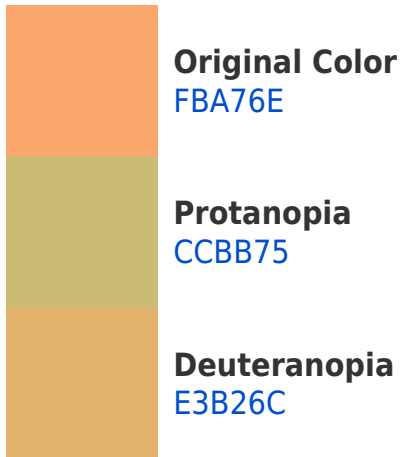


This preview shows how white text looks on a background with the Hex color FBA76E.

# 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](#).

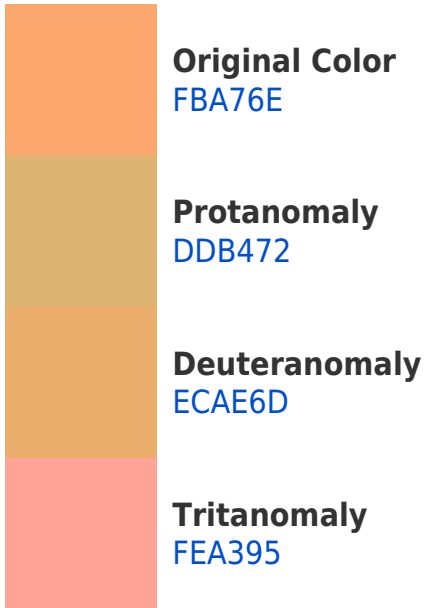
## Dichromacy



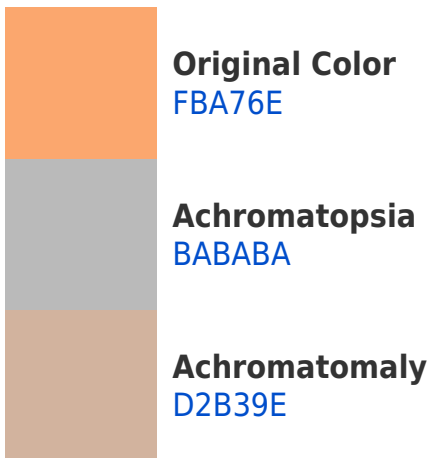


**Tritanopia**  
FFA0AB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBA76E 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 #FBA76E looks like.

```
.text, #text, p{  
    color:#FBA76E  
}
```

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 #FBA76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBA76E
}
```

## Border

The CSS property to change the border of an element to Hex FBA76E 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
#FBA76E }
```

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

```
.border{ border-color:#FBA76E }
```

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

Here you see how a box with a 4 pixel #FBA76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBA76E; -webkit-box-shadow:4px 4px  
4px 4px #FBA76E; box-shadow:4px 4px 4px  
4px #FBA76E }
```

# Background

The CSS property to change the background color of an element to Hex FBA76E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBA76E }
```

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

```
.background{ background-color:#FBA76E }
```

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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