

Converting Colors

Hex(FBC576)

Have a look what the booklet for
Hex(FBC576) contains.

Hex(FBC576)	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(FBC576)

Conversions

Conversions Part 1

Format	Color
Hex	FBC576
RGB	251, 197, 118
RGB Percent	98%, 77%, 46%
CMY	0.0157, 0.2275, 0.5373
CMYK	0.00, 0.22, 0.53, 0.02
HSL	36°, 94%, 72%
HSV	36°, 53%, 98%
XYZ	63.0199, 61.7497, 25.7369
YIQ	204.1400, 57.5430, -13.1210

Conversions

Conversions Part 2

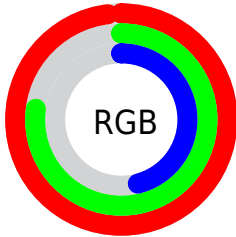
Format	Color
R_{YB}	209, 251, 118
Decimal	16500086
CIE _{Lab}	82.78, 10.22, 46.65
CIE _{LCh}	83, 47.757, 77.643
Yxy	61.7497, 0.4187, 0.4103
Android (android.graphics.Color)	4294690166 (0xFFFB576)
YUV	204.1400, -42.4670, 41.0962
Hunter-Lab	78.5810, 5.6356, 35.5880

Details

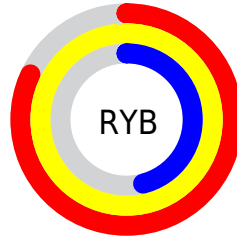
The Hex color **FBC576** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **76ACFB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFEAC**, and **C08F43** is the 20% darker color. If you saturate the color by 10%, you get **FBBB5D**, and if you desaturate by 10%, it is **FBCF8F**.

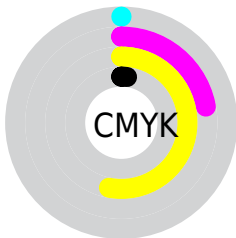
Distribution



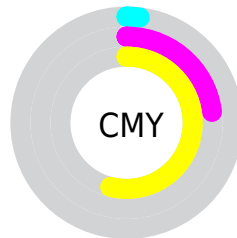
- Red (98%)
- Green (77%)
- Blue (46%)



- Red (82%)
- Yellow (98%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBC576 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 FBC576 by changing the saturation by 10% instead.

 FBC576

 FBC576

FFFFFF

 DDAA5C

 FFFEAC

 C08F43

 FFFFC7

 A3762A

 FFFFE4

 865D0F

 6B4600

 502F00

 351B00

 1E0200

 000000

 FBC576

 FBC576

 FB5B5D

 FBCF8F

 FBB144

 FBD9A8

 FBA62B

 FBE4C1

 FB9C12

 FBEEDA

 FB9500

 FBF8F3

 FBFFFF

Harmonies

Analogous

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



FFB58E



FBC576



D0D477

Triad

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



FBC576



00E6E8



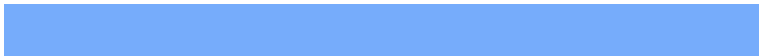
F4B9FF

Complementary

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



FBC576



76ACFB

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.



B7C9FF



FBC576



00E2FF

Square

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



FBC576



5FE5B9



63D8FF



FFACE3

Rectangle

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



FBC576



AFDB85



63D8FF



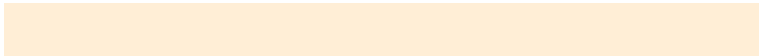
E2BEFF

Sweetspot

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



FBC576



FFEED6



FB76AD



807667



000000



808080

Same Dimension

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



FBC576



FFBD5C



F0FB76



7D7870



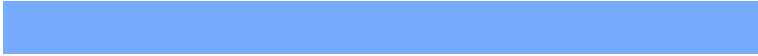
BD7000



3D2400

Inverse Universe

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



76ACFB



5C9EFF



8176FB



70767D



004DBD



00193D

Previews

White Background



This preview shows how the Hex color FBC576 looks on a white background.

Color Contrast Check

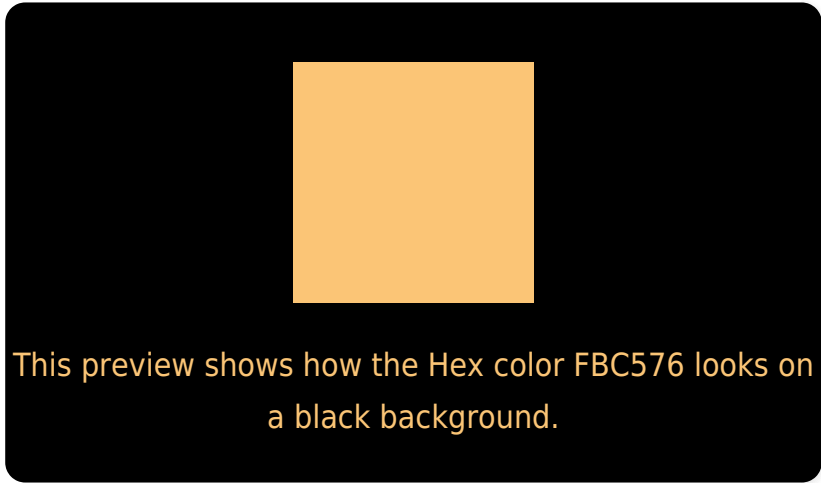
Large Text (above 18pt) WCAG AA × Fail

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 FBC576 Background



This preview shows how black text looks on a background with the Hex color FBC576.

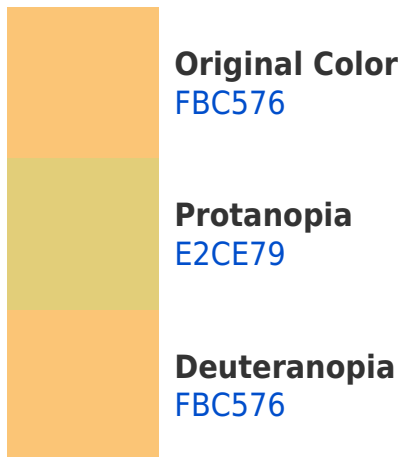


This preview shows how white text looks on a background with the Hex color FBC576.

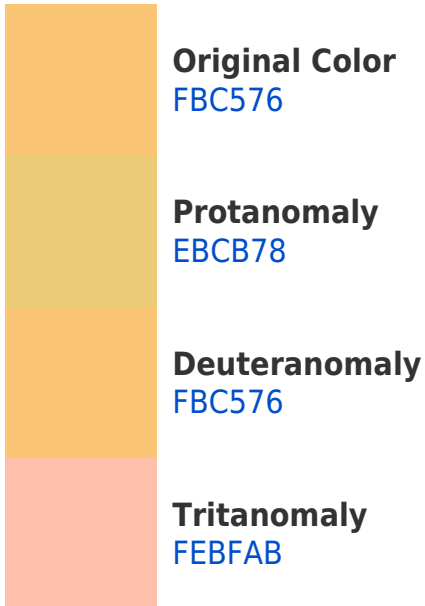
Color Blindness Simulation

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](#).

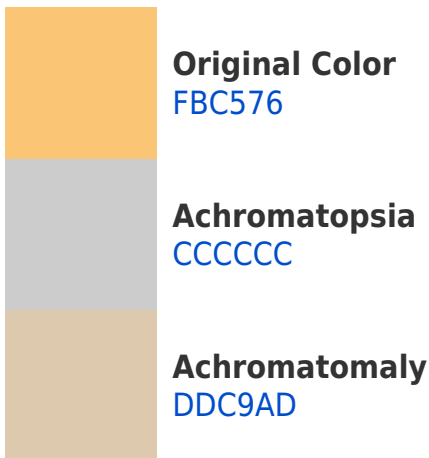
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBC576 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 #FBC576 looks like.

```
.text, #text, p{  
    color:#FBC576  
}
```

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 #FBC576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBC576
}
```

Border

The CSS property to change the border of an element to Hex FBC576 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
#FBC576 }
```

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

```
.border{ border-color:#FBC576 }
```

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

Here you see how a box with a 4 pixel #FBC576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBC576; -webkit-box-shadow:4px 4px  
4px 4px #FBC576; box-shadow:4px 4px 4px  
4px #FBC576 }
```

Background

The CSS property to change the background color of an element to Hex FBC576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBC576 }
```

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

```
.background{ background-color:#FBC576 }
```

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