

Converting Colors

Hex(F7C769)

Have a look what the booklet for
Hex(F7C769) contains.

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Color

Hex(F7C769)

Conversions

Conversions Part 1

Format	Color
Hex	F7C769
RGB	247, 199, 105
RGB Percent	97%, 78%, 41%
CMY	0.0314, 0.2196, 0.5882
CMYK	0.00, 0.19, 0.57, 0.03
HSL	40°, 90%, 69%
HSV	40°, 57%, 97%
XYZ	61.3310, 61.6409, 22.0300
YIQ	202.6360, 58.7820, -19.0580

Conversions

Conversions Part 2

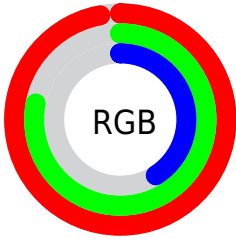
Format	Color
RYB	178, 247, 105
Decimal	16238441
CIELab	82.72, 6.54, 52.80
CIELCh	83, 53.201, 82.939
Yxy	61.6409, 0.4230, 0.4251
Android (android.graphics.Color)	4294428521 (0xFFF7C769)
YUV	202.6360, -48.1345, 38.9072
Hunter-Lab	78.5117, 2.0433, 38.3217

Details

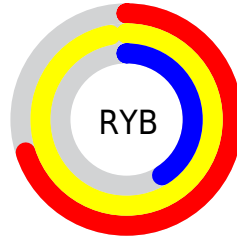
The Hex color **F7C769** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6999F7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF9F**, and **BC9135** is the 20% darker color. If you saturate the color by 10%, you get **F7BF50**, and if you desaturate by 10%, it is **F7CF82**.

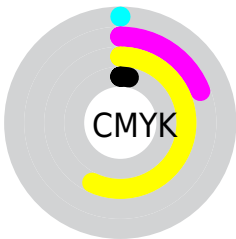
Distribution



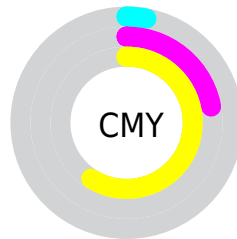
- Red (97%)
- Green (78%)
- Blue (41%)



- Red (70%)
- Yellow (97%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7C769 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 F7C769 by changing the saturation by 10% instead.

 F7C769

 F7C769

FFFFFF

 D9AC4F

 FFFF9F

 BC9135

 FFFFBA

 9F781A


 FFFFD7

 825F00

 FFFFF3

 674800

 4C3200

 311D00

 190400

 000000

 F7C769

 F7C769

 F7BF50

 F7CF82

 F7B638

 F7D89A

 F7AE1F

 F7E0B3

 F7A606

 F7E8CC

 F7A400

 F7F1E5

 F7F9FD

 F7FFFF

Harmonies

Analogous

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



FFB580



F7C769



C6D76F

Triad

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



F7C769



00E7F3



FFB2FF

Complementary

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



F7C769



6999F7

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.



C0C5FF



F7C769



00E2FF

Square

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



F7C769



31E7C0



5ED7FF



FFA6DC

Rectangle

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



F7C769



A0DF82



5ED7FF



EEB9FF

Sweetspot

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



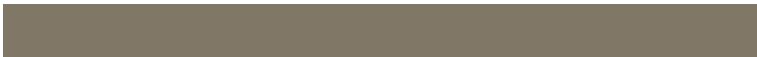
F7C769



FFF0D4



F7699B



807766



000000



808080

Same Dimension

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



F7C769



FFC44F



E2F769



7A766E



BA7B00



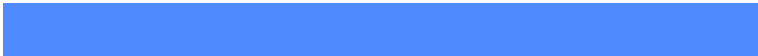
3B2700

Inverse Universe

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



6999F7



4F8BFF



7E69F7



6E727A



003FBA



00143B

Previews

White Background



This preview shows how the Hex color F7C769 looks on a white background.

Color Contrast Check

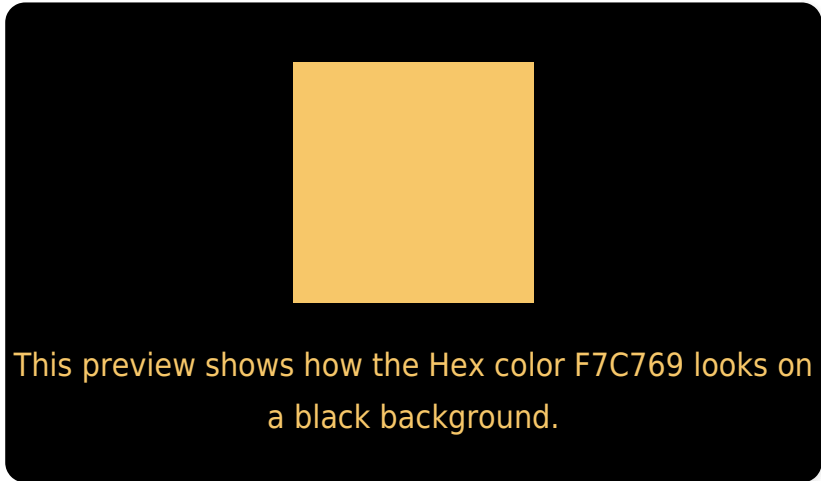
Large Text (above 18pt) WCAG AA × Fail

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 F7C769 Background



This preview shows how black text looks on a background with the Hex color F7C769.

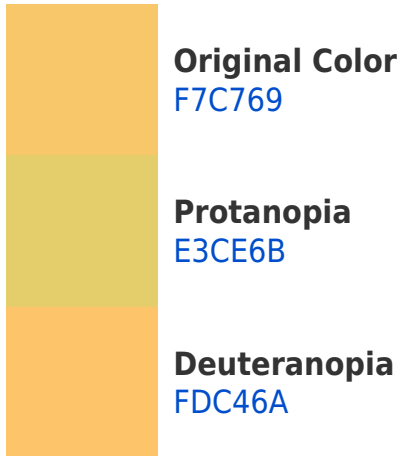


This preview shows how white text looks on a background with the Hex color F7C769.

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



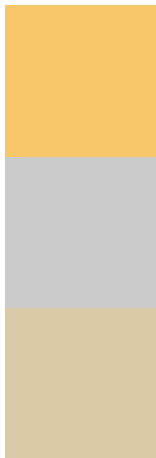
Original Color
F7C769

Protanomaly
EACB6A

Deuteranomaly
FBC56A

Tritanomaly
FCC0A7

Monochromacy



Original Color
F7C769

Achromatopsia
CBCBCB

Achromatomaly
DBCAA7

CSS Examples

Text

The CSS property to change the color of the text to Hex F7C769 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 #F7C769 looks like.

```
.text, #text, p{  
    color:#F7C769  
}
```

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 #F7C769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C769
}
```

Border

The CSS property to change the border of an element to Hex F7C769 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
#F7C769 }
```

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

```
.border{ border-color:#F7C769 }
```

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

Here you see how a box with a 4 pixel #F7C769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C769; -webkit-box-shadow:4px 4px  
4px 4px #F7C769; box-shadow:4px 4px 4px  
4px #F7C769 }
```

Background

The CSS property to change the background color of an element to Hex F7C769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C769 }
```

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

```
.background{ background-color:#F7C769 }
```

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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