

Converting Colors

Hex(F7B263)

Have a look what the booklet for
Hex(F7B263) contains.

Hex(F7B263)	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(F7B263)

Conversions

Conversions Part 1

Format	Color
Hex	F7B263
RGB	247, 178, 99
RGB Percent	97%, 70%, 39%
CMY	0.0314, 0.3020, 0.6118
CMYK	0.00, 0.28, 0.60, 0.03
HSL	32°, 90%, 68%
HSV	32°, 60%, 97%
XYZ	56.5303, 52.5158, 18.9615
YIQ	189.6250, 66.4830, -9.9410

Conversions

Conversions Part 2

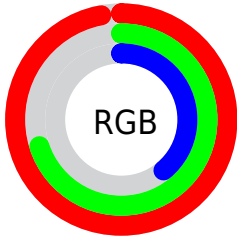
Format	Color
R _Y B	228, 247, 99
Decimal	16233059
CIE Lab	77.59, 17.09, 49.67
CIE LCh	78, 52.530, 71.016
Yxy	52.5158, 0.4416, 0.4103
Android (android.graphics.Color)	4294423139 (0xFF7B263)
YUV	189.6250, -44.6781, 50.3179
Hunter-Lab	72.4678, 12.4247, 35.2140

Details

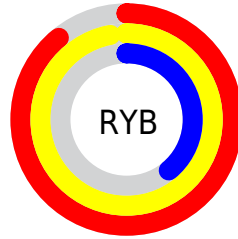
The Hex color **F7B263** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **63A8F7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFEA98**, and **BB7D30** is the 20% darker color. If you saturate the color by 10%, you get **F7A64A**, and if you desaturate by 10%, it is **F7BE7C**.

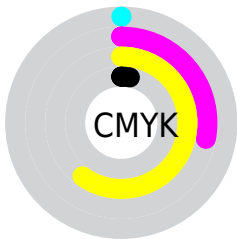
Distribution



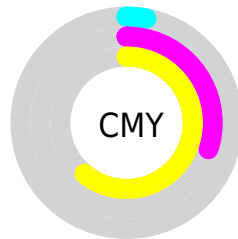
- Red (97%)
- Green (70%)
- Blue (39%)



- Red (89%)
- Yellow (97%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7B263 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 F7B263 by changing the saturation by 10% instead.

 F7B263

 F7B263

FFFFFF

 D9974A

 FFEA98

 BB7D30

 FFFFB3

 9E6416

 FFFFCE

 814C00

 FFFFEC

 653500

 492000

 2F0B00

 100000

 000000

 F7B263

 F7B263

 F7A64A

 F7BE7C

 F79B32

 F7C994

 F78F19

 F7D5AD

 F78400

 F7E0C6

 F7ECDF

 F7F7F7

 F7FFFF

Harmonies

Analogous

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



FFA182



F7B263



CCC35D

Triad

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



F7B263



00D9D1



DBACFF

Complementary

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



F7B263



63A8F7

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.



90BFFF



F7B263



00D6FE

Square

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



F7B263



50D69E



00CDFE



FF9CE1

Rectangle

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



F7B263



A9CC69



00CDFF



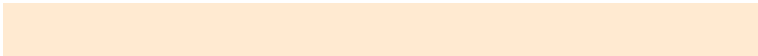
C6B2FF

Sweetspot

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



F7B263



FFEAD1



F763A8



807263



000000



808080

Same Dimension

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



F7B263



FFA947



F2F763



7A756E



BA6300



3B1F00

Inverse Universe

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



63A8F7



479DFF



6863F7



6E747A



0057BA



001B3B

Previews

White Background



This preview shows how the Hex color F7B263 looks on a white background.

Color Contrast Check

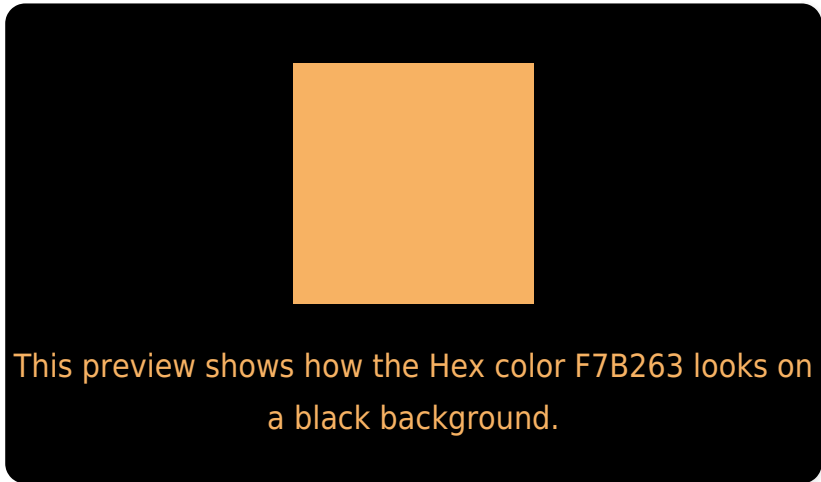
Large Text (above 18pt) WCAG AA × Fail

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

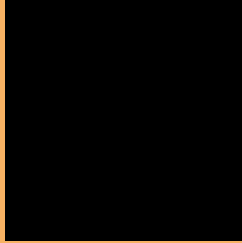
Any Text WCAG AA ✓ Pass

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 F7B263 Background



This preview shows how black text looks on a background with the Hex color F7B263.



This preview shows how white text looks on a background with the Hex color F7B263.

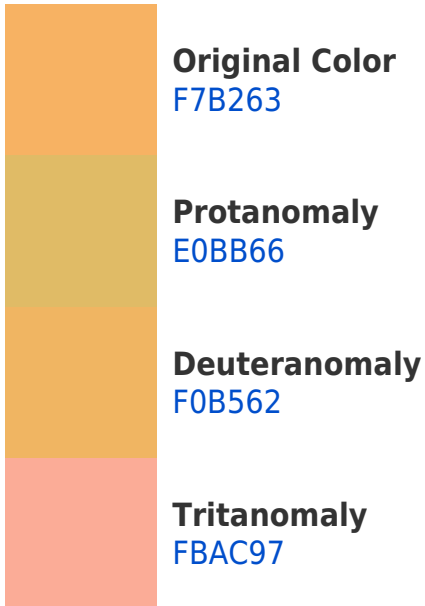
Color Blindness Simulation

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](#).

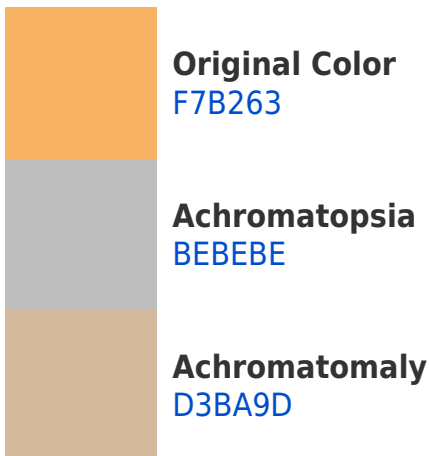
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7B263 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 #F7B263 looks like.

```
.text, #text, p{  
    color:#F7B263  
}
```

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 #F7B263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7B263
}
```

Border

The CSS property to change the border of an element to Hex F7B263 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
#F7B263 }
```

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

```
.border{ border-color:#F7B263 }
```

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

Here you see how a box with a 4 pixel #F7B263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7B263; -webkit-box-shadow:4px 4px  
4px 4px #F7B263; box-shadow:4px 4px 4px  
4px #F7B263 }
```

Background

The CSS property to change the background color of an element to Hex F7B263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7B263 }
```

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

```
.background{ background-color:#F7B263 }
```

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