

# Converting Colors

Hex(F2B676)

Have a look what the booklet for  
Hex(F2B676) contains.

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# **Color**

**Hex(F2B676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2B676
RGB	242, 182, 118
RGB Percent	95%, 71%, 46%
CMY	0.0510, 0.2863, 0.5373
CMYK	0.00, 0.25, 0.51, 0.05
HSL	31°, 83%, 71%
HSV	31°, 51%, 95%
XYZ	56.6159, 53.6411, 24.5093
YIQ	192.6440, 56.3040, -7.1840

# Conversions

## Conversions Part 2

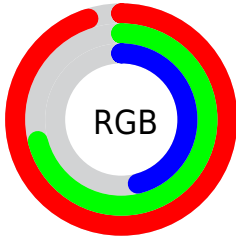
Format	Color
<a href="#">RYB</a>	<a href="#">234, 242, 118</a>
Decimal	<a href="#">15906422</a>
CIELab	<a href="#">78.25, 14.44, 40.84</a>
CIELCh	<a href="#">78, 43.319, 70.530</a>
Yxy	<a href="#">53.6411, 0.4201, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4294096502</a> ( <a href="#">0xFFFF2B676</a> )
YUV	<a href="#">192.6440, -36.7995, 43.2852</a>
Hunter-Lab	<a href="#">73.2401, 9.8135, 31.4271</a>

# Details

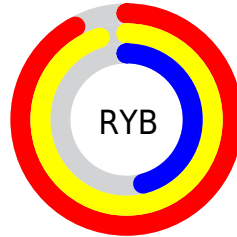
The Hex color **F2B676** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76B2F2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEEAB**, and **B78144** is the 20% darker color. If you saturate the color by 10%, you get **F2AA5E**, and if you desaturate by 10%, it is **F2C28E**.

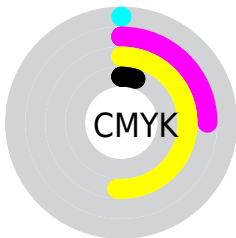
# Distribution



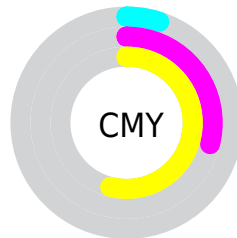
- Red (95%)
- Green (71%)
- Blue (46%)



- Red (92%)
- Yellow (95%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2B676 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 F2B676 by changing the saturation by 10% instead.



 F2B676

 F2B676

FFFFFF

 D49B5D

 FFEEAB

 B78144

 FFFFC7

 9A682C

 FFFFE3

 7E5013

 633900

 482300

 2E0F00

 110000

 000000

 F2B676

 F2B676

 F2AA5E

 F2C28E

 F29F46

 F2CDA6

 F2932D

 F2D9BF

 F28715

 F2E5D7

 F27D00

 F2F1EF

 F2FCFF

 F2FFFF

# Harmonies

## Analogous

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



FFA98F



F2B676



CEC471

# Triad

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



F2B676



2CD7CF



D8B2FF

# Complementary

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



F2B676



76B2F2

# 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.



9EC1FF



F2B676



00D5F5

# Square

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



F2B676



6FD5A5



53CDFE



FFA6DD

# Rectangle

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



F2B676



B1CB7B



53CDFF



C7B7FF

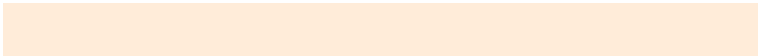


# Sweetspot

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



F2B676



FFECD9



F276B4



807469



000000



808080



# Same Dimension

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



F2B676



FFB463



F2F276



78726C



B85F00



381D00

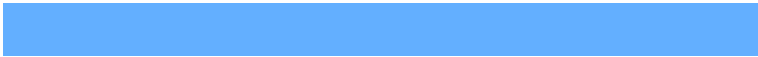


# Inverse Universe

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



76B2F2



63AFFF



7676F2



6C7278



0059B8



001B38



# Previews

## White Background



This preview shows how the Hex color F2B676 looks on a white background.

## Color Contrast Check

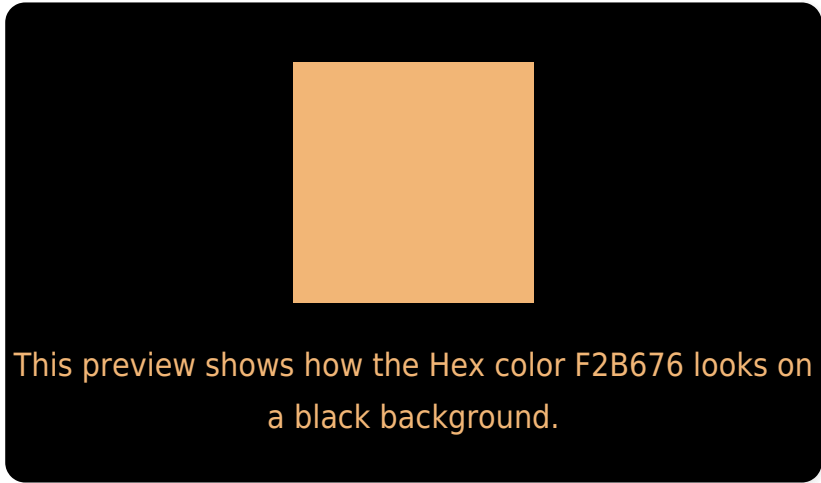
Large Text (above 18pt) WCAG AA × Fail

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 F2B676 Background



This preview shows how black text looks on a background with the Hex color F2B676.

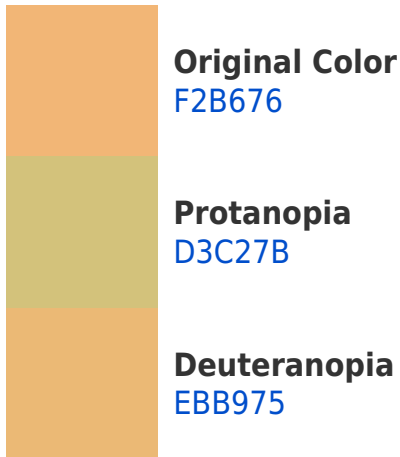


This preview shows how white text looks on a background with the Hex color F2B676.

# 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**  
F8ADBB

# Trichromacy



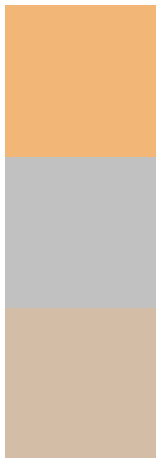
**Original Color**  
F2B676

**Protanomaly**  
DEBE79

**Deuteranomaly**  
EEB875

**Tritanomaly**  
F6B0A2

# Monochromacy



**Original Color**  
F2B676

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
D3BDA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2B676 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 #F2B676 looks like.

```
.text, #text, p{  
    color:#F2B676  
}
```

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 #F2B676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2B676
}
```

## Border

The CSS property to change the border of an element to Hex F2B676 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
#F2B676 }
```

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

```
.border{ border-color:#F2B676 }
```

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

Here you see how a box with a 4 pixel #F2B676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2B676; -webkit-box-shadow:4px 4px  
4px 4px #F2B676; box-shadow:4px 4px 4px  
4px #F2B676 }
```

# Background

The CSS property to change the background color of an element to Hex F2B676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2B676 }
```

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

```
.background{ background-color:#F2B676 }
```

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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