

# Converting Colors

Hex(F2C66E)

Have a look what the booklet for  
Hex(F2C66E) contains.

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# **Color**

**Hex(F2C66E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2C66E
RGB	242, 198, 110
RGB Percent	95%, 78%, 43%
CMY	0.0510, 0.2235, 0.5686
CMYK	0.00, 0.18, 0.55, 0.05
HSL	40°, 84%, 69%
HSV	40°, 55%, 95%
XYZ	59.6265, 60.3912, 23.2659
YIQ	201.1240, 54.4720, -18.0400

# Conversions

## Conversions Part 2

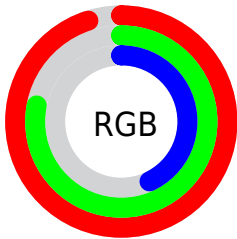
Format	Color
<a href="#">RYB</a>	<a href="#">176, 242, 110</a>
Decimal	<a href="#">15910510</a>
CIELab	<a href="#">82.05, 5.40, 49.48</a>
CIElCh	<a href="#">82, 49.777, 83.778</a>
Yxy	<a href="#">60.3912, 0.4161, 0.4215</a>
Android (android.graphics.Color)	<a href="#">4294100590</a> ( <a href="#">0xFFFF2C66E</a> )
YUV	<a href="#">201.1240, -44.9241, 35.8483</a>
Hunter-Lab	<a href="#">77.7118, 0.9634, 36.6476</a>

# Details

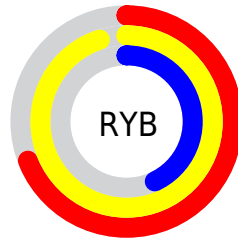
The Hex color **F2C66E** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6E9AF2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFA3**, and **B7903B** is the 20% darker color. If you saturate the color by 10%, you get **F2BE56**, and if you desaturate by 10%, it is **F2CE86**.

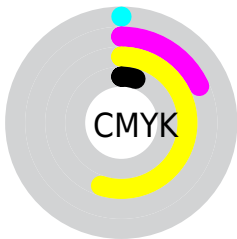
# Distribution



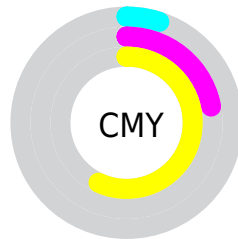
- Red (95%)
- Green (78%)
- Blue (43%)



- Red (69%)
- Yellow (95%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (55%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2C66E 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 F2C66E by changing the saturation by 10% instead.



 F2C66E

 F2C66E

FFFFFF

 D4AB54

 FFFFA3

 B7903B

 FFFFBF

 9A7721

 FFFFDB

 7E5E00

 FFFFF8

 634700

 483100

 2F1C00

 160300

 000000

 F2C66E

 F2C66E

 F2BE56

 F2CE86

 F2B63E

 F2D69E

 F2AE25

 F2DEB7

 F2A60D

 F2E6CF

 F2A100

 F2EEE7

 F2F6FF

 F2FEFF

 F2FFFF

# Harmonies

## Analogous

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



FFB582



F2C66E



C4D574

# Triad

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



F2C66E



00E4F0



FDB2FF

# Complementary

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



F2C66E



6E9AF2

# 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.



C2C4FF



F2C66E



00DFFF

# Square

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



F2C66E



42E4C0



6DD4FF



FFA7D8

# Rectangle

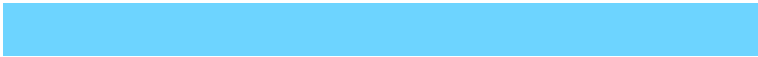
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2C66E



A0DC87



6DD4FF



ECB8FF

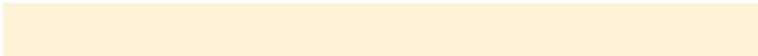


# Sweetspot

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



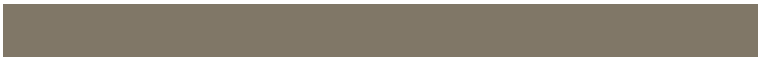
F2C66E



FFF1D6



F26E9A



807767



000000



808080



# Same Dimension

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



F2C66E



FFC859



DCF26E



78746C



B87A00



382500



# Inverse Universe

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



6E9AF2



5990FF



846EF2



6C7078



003DB8



001338



# Previews

## White Background



This preview shows how the Hex color F2C66E looks on a white background.

## Color Contrast Check

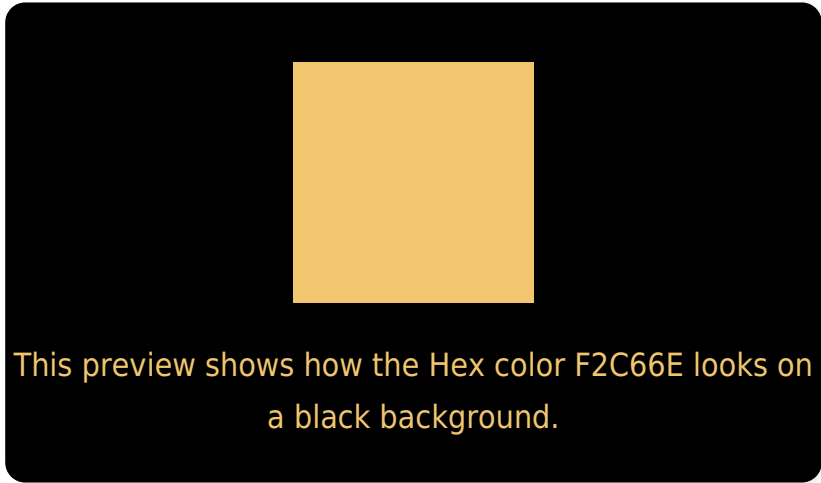
Large Text (above 18pt) WCAG AA × Fail

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 F2C66E Background



This preview shows how black text looks on a background with the Hex color F2C66E.

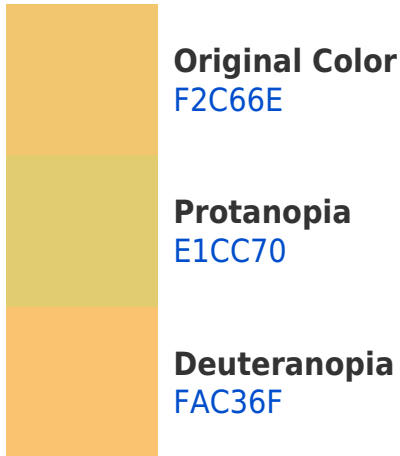


This preview shows how white text looks on a background with the Hex color F2C66E.

# Color Blindness Simulation

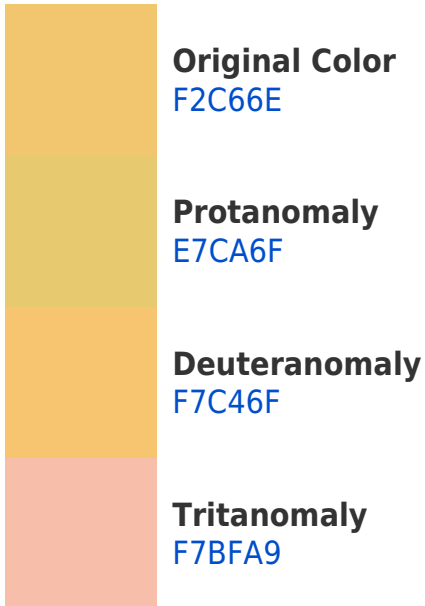
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

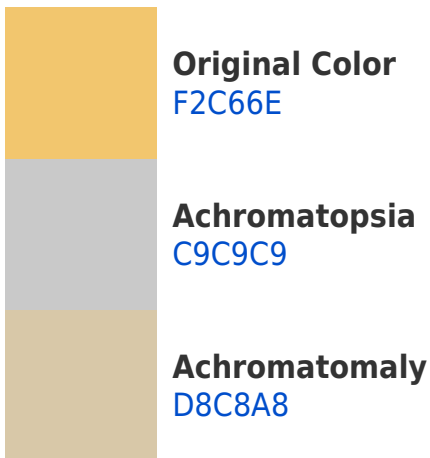




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2C66E 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 #F2C66E looks like.

```
.text, #text, p{  
    color:#F2C66E  
}
```

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 #F2C66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2C66E
}
```

## Border

The CSS property to change the border of an element to Hex F2C66E 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
#F2C66E }
```

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

```
.border{ border-color:#F2C66E }
```

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

Here you see how a box with a 4 pixel #F2C66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2C66E; -webkit-box-shadow:4px 4px  
4px 4px #F2C66E; box-shadow:4px 4px 4px  
4px #F2C66E }
```

# Background

The CSS property to change the background color of an element to Hex F2C66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2C66E }
```

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

```
.background{ background-color:#F2C66E }
```

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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