

# Converting Colors

Hex(F2B05E)

Have a look what the booklet for  
Hex(F2B05E) contains.

<b>Hex(F2B05E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F2B05E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2B05E
RGB	242, 176, 94
RGB Percent	95%, 69%, 37%
CMY	0.0510, 0.3098, 0.6314
CMYK	0.00, 0.27, 0.61, 0.05
HSL	33°, 85%, 66%
HSV	33°, 61%, 95%
XYZ	54.1637, 50.7361, 17.5280
YIQ	186.3860, 65.6580, -11.5100

# Conversions

## Conversions Part 2

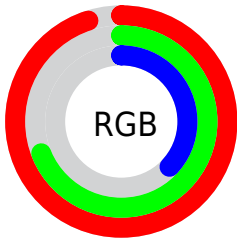
Format	Color
R <sub>Y</sub> B	213, 242, 94
Decimal	15904862
CIE Lab	76.52, 15.75, 50.72
CIE LCh	77, 53.105, 72.753
Yxy	50.7361, 0.4424, 0.4144
Android (android.graphics.Color)	4294094942 (0xFFFF2B05E)
YUV	186.3860, -45.5463, 48.7735
Hunter-Lab	71.2293, 11.0826, 35.2705

# Details

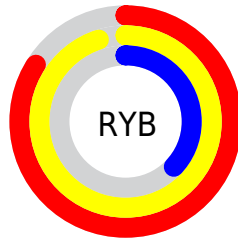
The Hex color **F2B05E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5EA0F2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE893**, and **B67C2B** is the 20% darker color. If you saturate the color by 10%, you get **F2A546**, and if you desaturate by 10%, it is **F2BB76**.

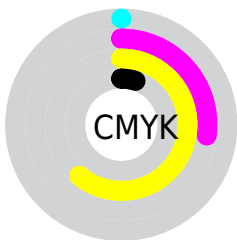
# Distribution



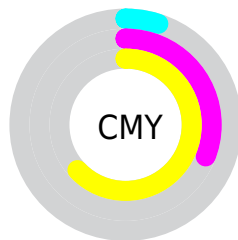
- Red (95%)
- Green (69%)
- Blue (37%)



- Red (84%)
- Yellow (95%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (61%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2B05E 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 F2B05E by changing the saturation by 10% instead.



 F2B05E

 F2B05E

FFFFFF

 D49545

 FFE893

 B67C2B

 FFFFAE

 99630F

 FFFFCA

 7C4B00

 FFFF E6

 613400

 451F00

 2B0A00

 020000

 000000

 F2B05E

 F2B05E

 F2A546

 F2BB76

 F29A2E

 F2C68E

 F29015

 F2D0A7

 F28600

 F2DBBF

 F2E6D7

 F2F1EF

 F2FCFF

 F2FFFF

# Harmonies

## Analogous

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



FF9E7C



F2B05E



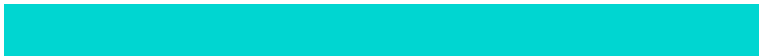
C6C159

# Triad

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



F2B05E



00D6D1



DCA8FF

# Complementary

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



F2B05E



5EA0F2

# 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.



91BBFF



F2B05E



00D3FE

# Square

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



F2B05E



44D49E



00CAFF



FF98DB

# Rectangle

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



F2B05E



A3C967



00CAFF



C6AEFF

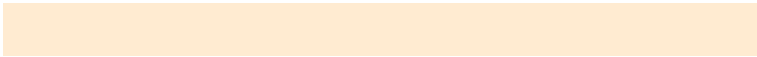


# Sweetspot

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



F2B05E



FFEBD1



F25EA1



807363



000000



808080



# Same Dimension

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



F2B05E



FFAC45



EBF25E



78736C



B86600



381F00



# Inverse Universe

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



5EA0F2



4598FF



655EF2



6C7178



0052B8



001938



# Previews

## White Background



This preview shows how the Hex color F2B05E looks on a white background.

## Color Contrast Check

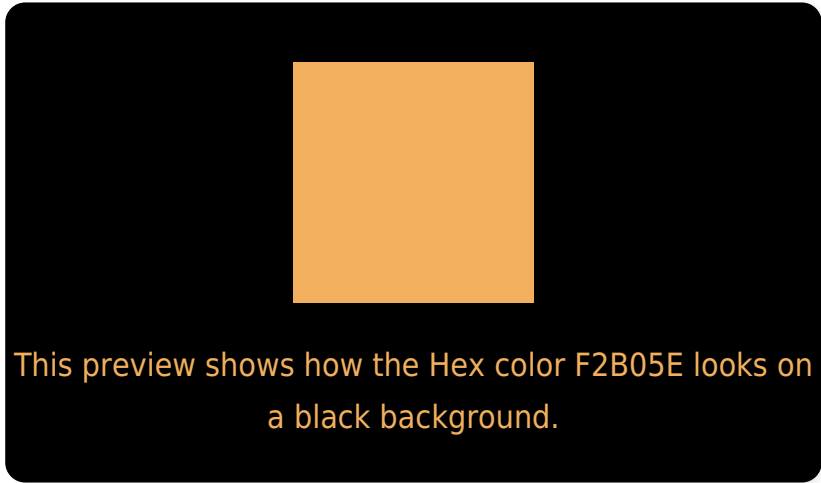
Large Text (above 18pt) WCAG AA × Fail

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

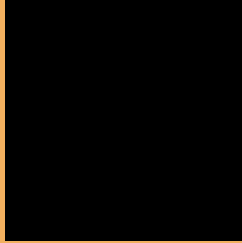
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F2B05E Background



This preview shows how black text looks on a background with the Hex color F2B05E.

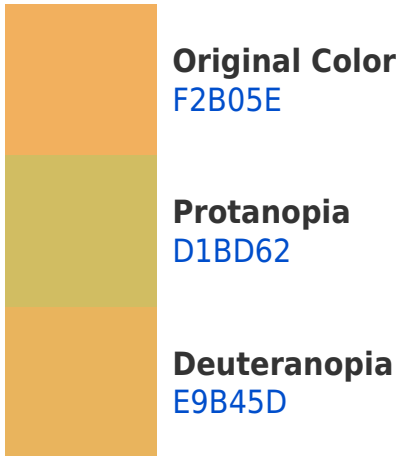


This preview shows how white text looks on a background with the Hex color F2B05E.

# 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](#).

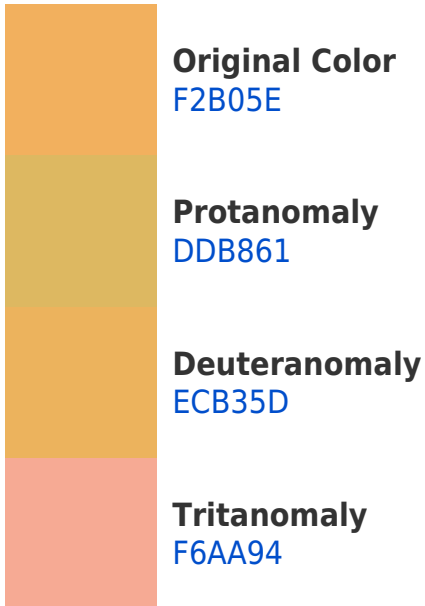
## Dichromacy





**Tritanopia**  
F8A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2B05E 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 #F2B05E looks like.

```
.text, #text, p{  
    color:#F2B05E  
}
```

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 #F2B05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2B05E
}
```

## Border

The CSS property to change the border of an element to Hex F2B05E 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
#F2B05E }
```

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

```
.border{ border-color:#F2B05E }
```

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

Here you see how a box with a 4 pixel #F2B05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2B05E; -webkit-box-shadow:4px 4px  
4px 4px #F2B05E; box-shadow:4px 4px 4px  
4px #F2B05E }
```

# Background

The CSS property to change the background color of an element to Hex F2B05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2B05E }
```

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

```
.background{ background-color:#F2B05E }
```

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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