

# Converting Colors

Hex(F7D25F)

Have a look what the booklet for  
Hex(F7D25F) contains.

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# **Color**

**Hex(F7D25F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D25F
RGB	247, 210, 95
RGB Percent	97%, 82%, 37%
CMY	0.0314, 0.1765, 0.6275
CMYK	0.00, 0.15, 0.62, 0.03
HSL	45°, 90%, 67%
HSV	45°, 62%, 97%
XYZ	63.4699, 66.6936, 20.3544
YIQ	207.9530, 58.9670, -27.9210

# Conversions

## Conversions Part 2

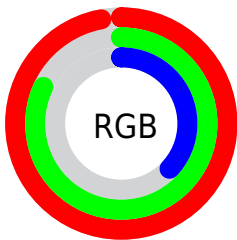
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 247, 95
Decimal	16241247
CIELab	85.35, 0.18, 60.38
CIELCh	85, 60.383, 89.826
Yxy	66.6936, 0.4217, 0.4431
Android (android.graphics.Color)	4294431327 (0xFFFF7D25F)
YUV	207.9530, -55.6858, 34.2442
Hunter-Lab	81.6661, -4.1877, 42.3889

# Details

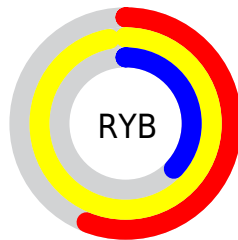
The Hex color **F7D25F** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5F84F7**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF95**, and **BB9C28** is the 20% darker color. If you saturate the color by 10%, you get **F7CC46**, and if you desaturate by 10%, it is **F7D878**.

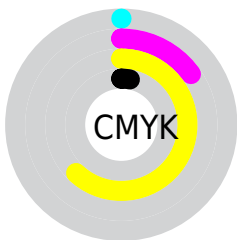
# Distribution



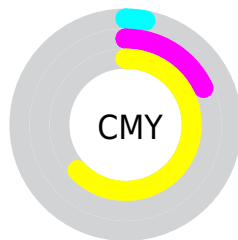
- Red (97%)
- Green (82%)
- Blue (37%)



- Red (56%)
- Yellow (97%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (62%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7D25F 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 F7D25F by changing the saturation by 10% instead.



 F7D25F

 F7D25F

FFFFFF

 D9B744

 FFFF95

 BB9C28

 FFFFB1

 9E8201

 FFFFCD

 826900

 FFFFEA

 675100

 4B3B00

 312500

 181100

 000000

 F7D25F

 F7D25F

 F7CC46

 F7D878

 F7C62E

 F7DE90

 F7C015

 F7E4A9

 F7BB00

 F7EAC2

 F7F0DB

 F7F6F3

 F7FCFF

 F7FFFF

# Harmonies

## Analogous

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



FFBD73



F7D25F



BDE36E

# Triad

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



F7D25F



00F1FF



FFB1FF

# Complementary

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



F7D25F



5F84F7

# 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.



D8C6FF



F7D25F



00EAFB

# Square

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



F7D25F



00F2D3



6ADBFF



FFA5D8

# Rectangle

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



F7D25F



8FEA89



6ADBFF



FFB7FF



# Sweetspot

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



F7D25F



FFF4D1



F75F85



807963



000000



808080



# Same Dimension

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



F7D25F



FFD142



D1F75F



7A776E



BA8D00



3B2C00



# Inverse Universe

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



5F84F7



4270FF



855FF7



6E717A



002DBA



000E3B



# Previews

## White Background



This preview shows how the Hex color F7D25F looks on a white background.

## Color Contrast Check

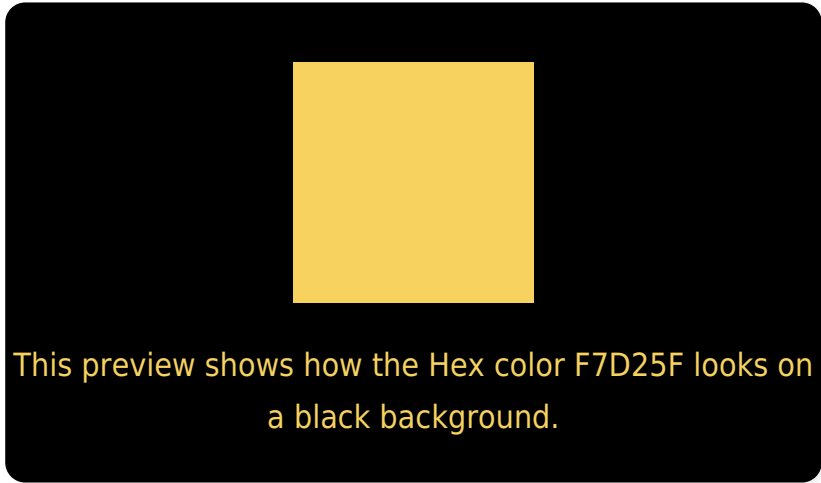
Large Text (above 18pt) WCAG AA × Fail

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 F7D25F Background



This preview shows how black text looks on a background with the Hex color F7D25F.

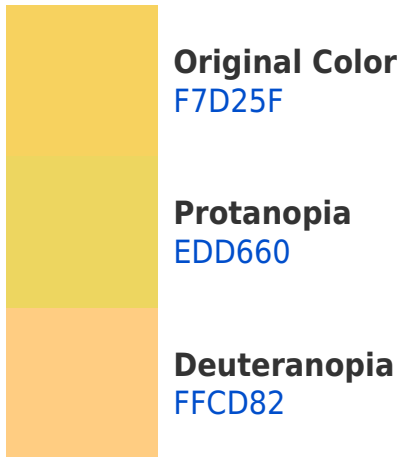


This preview shows how white text looks on a background with the Hex color F7D25F.

# 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](#).

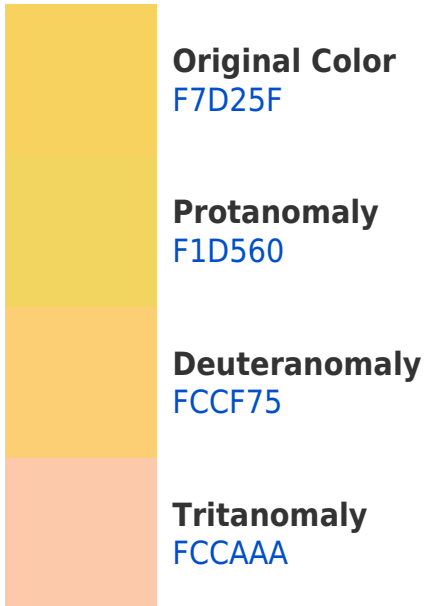
## Dichromacy



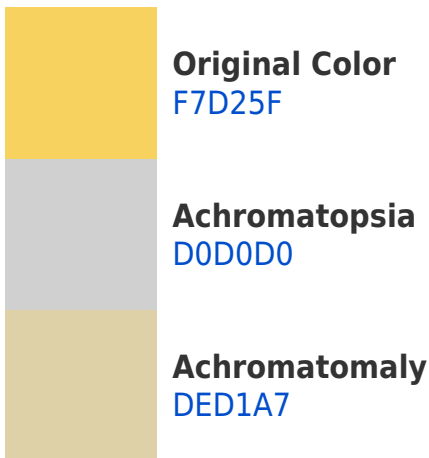


**Tritanopia**  
FFC6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7D25F 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 #F7D25F looks like.

```
.text, #text, p{  
    color:#F7D25F  
}
```

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 #F7D25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D25F
}
```

## Border

The CSS property to change the border of an element to Hex F7D25F 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
#F7D25F }
```

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

```
.border{ border-color:#F7D25F }
```

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

Here you see how a box with a 4 pixel #F7D25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D25F; -webkit-box-shadow:4px 4px  
4px 4px #F7D25F; box-shadow:4px 4px 4px  
4px #F7D25F }
```

# Background

The CSS property to change the background color of an element to Hex F7D25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D25F }
```

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

```
.background{ background-color:#F7D25F }
```

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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