

# Converting Colors

Hex(F2D090)

Have a look what the booklet for  
Hex(F2D090) contains.

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**Color**

**Hex(F2D090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D090
RGB	242, 208, 144
RGB Percent	95%, 82%, 56%
CMY	0.0510, 0.1843, 0.4353
CMYK	0.00, 0.14, 0.40, 0.05
HSL	39°, 79%, 76%
HSV	39°, 40%, 95%
XYZ	64.2079, 66.0026, 35.7412
YIQ	210.8700, 40.8080, -12.6960

# Conversions

## Conversions Part 2

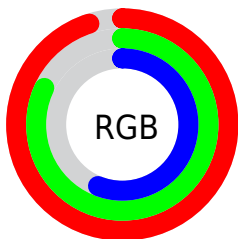
Format	Color
R <sub>Y</sub> B	196, 242, 144
Decimal	15913104
CIE Lab	85.00, 3.38, 36.17
CIE LCh	85, 36.328, 84.655
Yxy	66.0026, 0.3869, 0.3977
Android (android.graphics.Color)	4294103184 (0xFFFF2D090)
YUV	210.8700, -32.9669, 27.3010
Hunter-Lab	81.2420, -1.0998, 30.7856

# Details

The Hex color **F2D090** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **90B2F2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFC6**, and **B89A5D** is the 20% darker color. If you saturate the color by 10%, you get **F2C878**, and if you desaturate by 10%, it is **F2D8A8**.

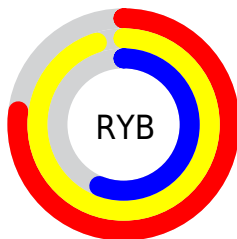
# Distribution



Red (95%)

Green (82%)

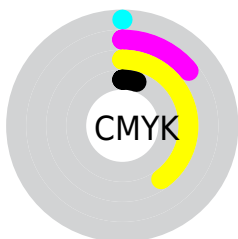
Blue (56%)



Red (77%)

Yellow (95%)

Blue (56%)

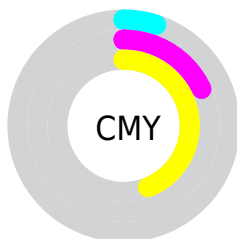


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2D090 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 F2D090 by changing the saturation by 10% instead.



 F2D090

 F2D090

FFFFFF


 D5B576

 FFFFC6

 B89A5D

 FFFF E3

 9C8044

 81672C

 664F15

 4D3800

 342300

 1B0E00

 000000

 F2D090

 F2D090

 F2C878

 F2D8A8

 F2BF60

 F2E1C0

 F2B747

 F2E9D9

 F2AE2F

 F2F2F1

 F2A617

 F2FAFF

 F29E00

 F2FFFF

# Harmonies

## Analogous

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



FFC49E



F2D090



CFDB95

# Triad

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



F2D090



65E7F0



FAC2FC

# Complementary

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



F2D090



90B2F2

# 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.



D1CEFF



F2D090



71E2FF

# Square

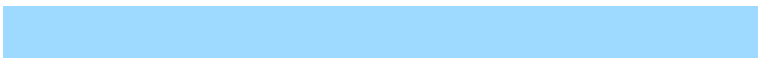
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2D090



80E7CD



9ED9FF



FFBDC

# Rectangle

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



F2D090



B5E1A2



9ED9FF



EEC6FF

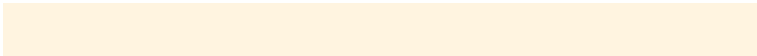


# Sweetspot

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



F2D090



FFF4E0



F290B2



80796E



000000



808080



# Same Dimension

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



F2D090



FFD482



E3F290



78746C



B87800



382500



# Inverse Universe

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



90B2F2



82ADFF



9F90F2



6C7078



0040B8



001338



# Previews

## White Background



This preview shows how the Hex color F2D090 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



This preview shows how the Hex color F2D090 looks on a 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 F2D090 Background



This preview shows how black text looks on a background with the Hex color F2D090.

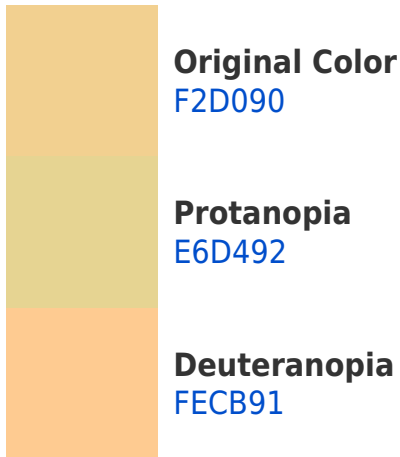


This preview shows how white text looks on a background with the Hex color F2D090.

# 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](#).

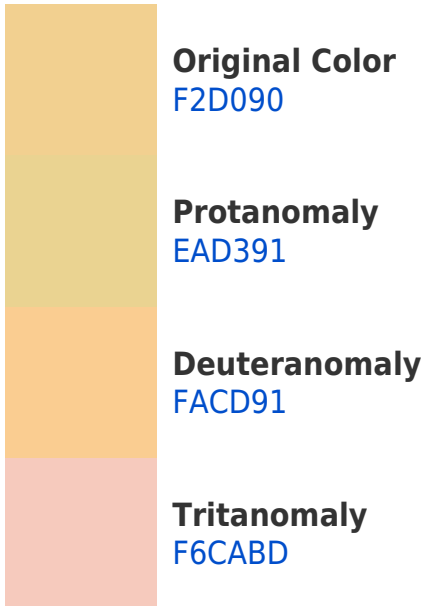
## Dichromacy





**Tritanopia**  
F9C7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2D090 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 #F2D090 looks like.

```
.text, #text, p{  
    color:#F2D090  
}
```

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 #F2D090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D090
}
```

## Border

The CSS property to change the border of an element to Hex F2D090 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
#F2D090 }
```

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

```
.border{ border-color:#F2D090 }
```

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

Here you see how a box with a 4 pixel #F2D090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D090; -webkit-box-shadow:4px 4px  
4px 4px #F2D090; box-shadow:4px 4px 4px  
4px #F2D090 }
```

# Background

The CSS property to change the background color of an element to Hex F2D090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D090 }
```

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

```
.background{ background-color:#F2D090 }
```

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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