

# Converting Colors

Hex(F2D240)

Have a look what the booklet for  
Hex(F2D240) contains.

<b>Hex(F2D240)</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(F2D240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D240
RGB	242, 210, 64
RGB Percent	95%, 82%, 25%
CMY	0.0510, 0.1765, 0.7490
CMYK	0.00, 0.13, 0.74, 0.05
HSL	49°, 87%, 60%
HSV	49°, 74%, 95%
XYZ	60.5900, 65.3406, 14.2691
YIQ	202.9240, 65.9380, -38.6220

# Conversions

## Conversions Part 2

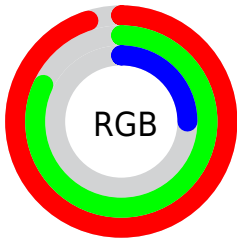
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 242, 64</a>
Decimal	<a href="#">15913536</a>
CIELab	<a href="#">84.66, -3.56, 71.96</a>
CIELCh	<a href="#">85, 72.050, 92.829</a>
Yxy	<a href="#">65.3406, 0.4322, 0.4661</a>
Android (android.graphics.Color)	<a href="#">4294103616</a> ( <a href="#">0xFFFF2D240</a> )
YUV	<a href="#">202.9240, -68.4895, 34.2697</a>
Hunter-Lab	<a href="#">80.8335, -7.6614, 46.1174</a>

# Details

The Hex color **F2D240** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4060F2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF79**, and **B69C00** is the 20% darker color. If you saturate the color by 10%, you get **F2CE28**, and if you desaturate by 10%, it is **F2D658**.

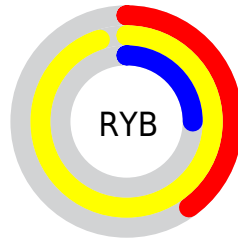
# Distribution



Red (95%)

Green (82%)

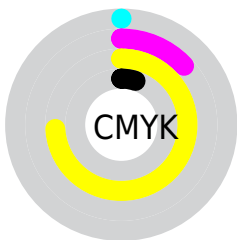
Blue (25%)



Red (40%)

Yellow (95%)

Blue (25%)

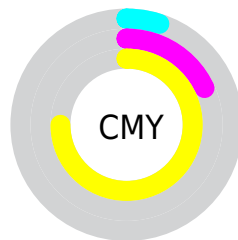


Cyan (0%)

Magenta (13%)

Yellow (74%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2D240 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 F2D240 by changing the saturation by 10% instead.



 F2D240

 F2D240

FFFFFF

 D4B71F

 FFFF79

 B69C00

 FFFF95

 988200

 FFFFB2

 7C6900

 FFFFCE

 605100

 FFFFEC

 443B00

 2B2600

 101100

 000000

 F2D240

 F2D240

 F2CE28

 F2D658

 F2C910

 F2DB70

 F2C600

 F2DF89

 F2E3A1

 F2E8B9

 F2ECD1

 F2F0E9

 F2F5FF

 F2F9FF

# Harmonies

## Analogous

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



FFB958



F2D240



ACE559

# Triad

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



F2D240



00F3FF



FFA3FF

# Complementary

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



F2D240



4060F2

# 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.



DEBFFF



F2D240



00EAFB

# Square

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



F2D240



00F4D8



42D9FF



FF95D0

# Rectangle

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



F2D240



70ED7D



42D9FF



FFABFF



# Sweetspot

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



F2D240



FFF5C7



F24061



807A5E



000000



808080



# Same Dimension

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



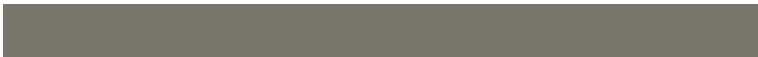
F2D240



FFD71F



BAF240



78766C



B89700



382E00



# Inverse Universe

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



4060F2



1F47FF



7840F2



6C6E78



0021B8



000A38



# Previews

## White Background



This preview shows how the Hex color F2D240 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 F2D240 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 F2D240 Background



This preview shows how black text looks on a background with the Hex color F2D240.

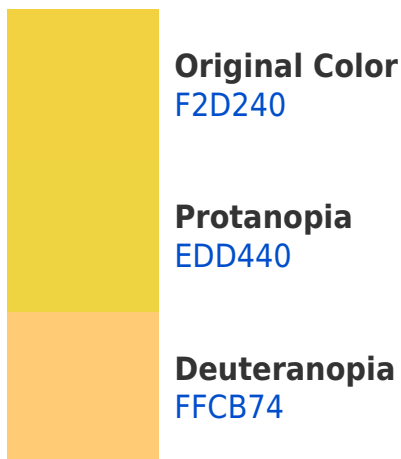


This preview shows how white text looks on a background with the Hex color F2D240.

# 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](#).

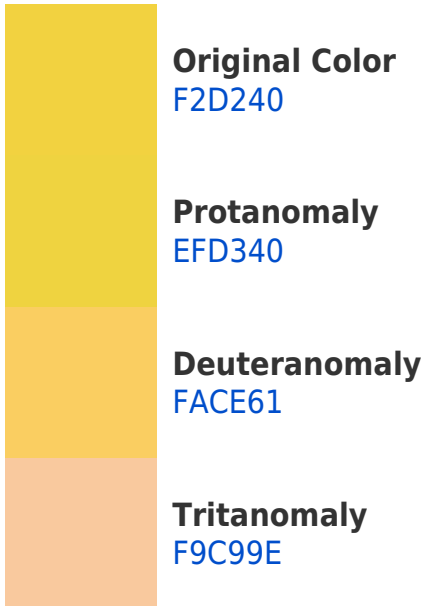
## Dichromacy



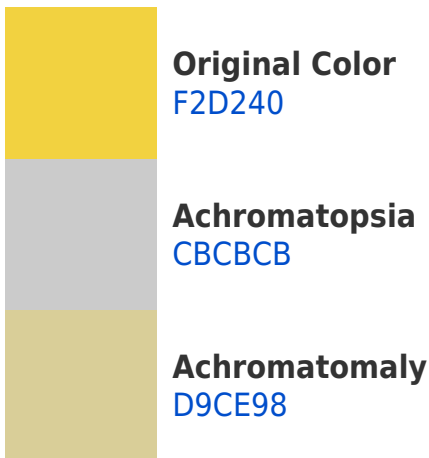


**Tritanopia**  
FDC4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2D240 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 #F2D240 looks like.

```
.text, #text, p{  
    color:#F2D240  
}
```

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 #F2D240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D240
}
```

## Border

The CSS property to change the border of an element to Hex F2D240 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
#F2D240 }
```

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

```
.border{ border-color:#F2D240 }
```

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

Here you see how a box with a 4 pixel #F2D240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D240; -webkit-box-shadow:4px 4px  
4px 4px #F2D240; box-shadow:4px 4px 4px  
4px #F2D240 }
```

# Background

The CSS property to change the background color of an element to Hex F2D240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D240 }
```

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

```
.background{ background-color:#F2D240 }
```

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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