

# Converting Colors

Hex(F2D993)

Have a look what the booklet for  
Hex(F2D993) contains.

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**Color**

**Hex(F2D993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D993
RGB	242, 217, 147
RGB Percent	95%, 85%, 58%
CMY	0.0510, 0.1490, 0.4235
CMYK	0.00, 0.10, 0.39, 0.05
HSL	44°, 79%, 76%
HSV	44°, 39%, 95%
XYZ	66.6973, 70.6095, 37.7174
YIQ	216.4950, 37.3700, -16.4700

# Conversions

## Conversions Part 2

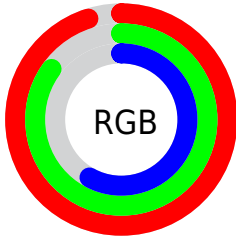
Format	Color
R <sub>Y</sub> B	181, 242, 147
Decimal	15915411
CIE Lab	87.29, -0.92, 37.63
CIE LCh	87, 37.644, 91.400
Yxy	70.6095, 0.3811, 0.4034
Android (android.graphics.Color)	4294105491 (0xFFFF2D993)
YUV	216.4950, -34.2610, 22.3679
Hunter-Lab	84.0295, -5.3696, 32.2077

# Details

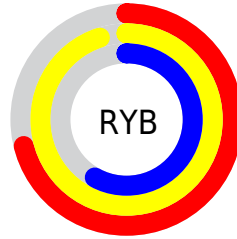
The Hex color **F2D993** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **93ACF2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFCA**, and **B8A25F** is the 20% darker color. If you saturate the color by 10%, you get **F2D37B**, and if you desaturate by 10%, it is **F2DFAB**.

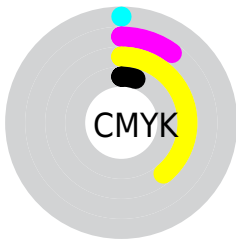
# Distribution



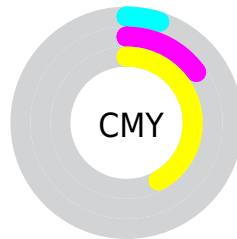
- Red (95%)
- Green (85%)
- Blue (58%)



- Red (71%)
- Yellow (95%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2D993 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 F2D993 by changing the saturation by 10% instead.



 F2D993

 F2D993

FFFFFF

 D5BD79

 FFFFC A

 B8A25F

 FFFF E6

 9D8847

 816F2F

 675716

 4D4000

 352A00

 1C1600

 000000

 F2D993

 F2D993

 F2D37B

 F2DFAB

 F2CC63

 F2E6C3

 F2C64A

 F2ECDC

 F2C032

 F2F2F4

 F2B91A

 F2F9FF

 F2B302

 F2FFFF

 F2B200

# Harmonies

## Analogous

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



FFCD9D



F2D993



CCE49D

# Triad

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



F2D993



64EDFF



FFC5FE

# Complementary

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



F2D993



93ACF2

# 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.



E2D1FF



F2D993



7BE8FF

# Square

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



F2D993



7AEEDB



AEDEFF



FFC0DA

# Rectangle

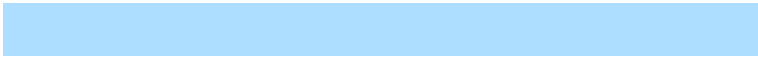
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2D993



B0E9AD



AEDEFF



FEC9FF

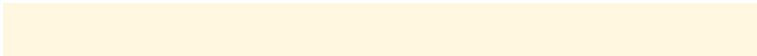


# Sweetspot

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



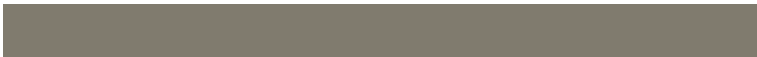
F2D993



FFF7E0



F293AC



807B6E



000000



808080



# Same Dimension

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



F2D993



FFDF87



DCF293



78756C



B88700



382900



# Inverse Universe

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



93ACF2



87A7FF



A993F2



6C6F78



0030B8



000F38



# Previews

## White Background



This preview shows how the Hex color F2D993 looks on a white background.

## Color Contrast Check

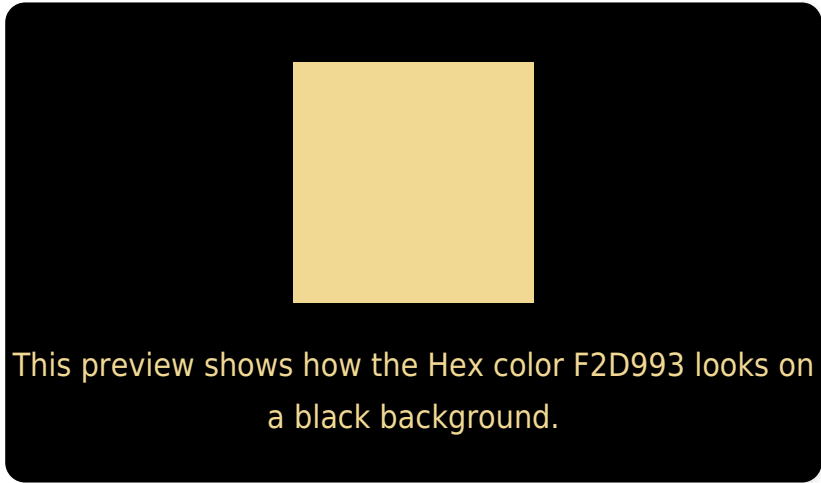
Large Text (above 18pt) WCAG AA × Fail

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

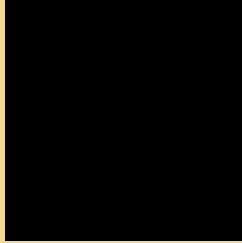
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F2D993 Background



This preview shows how black text looks on a background with the Hex color F2D993.

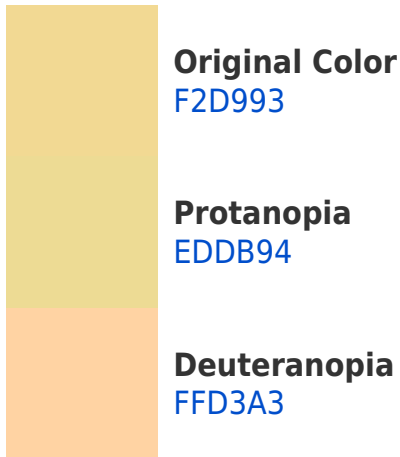


This preview shows how white text looks on a background with the Hex color F2D993.

# Color Blindness Simulation

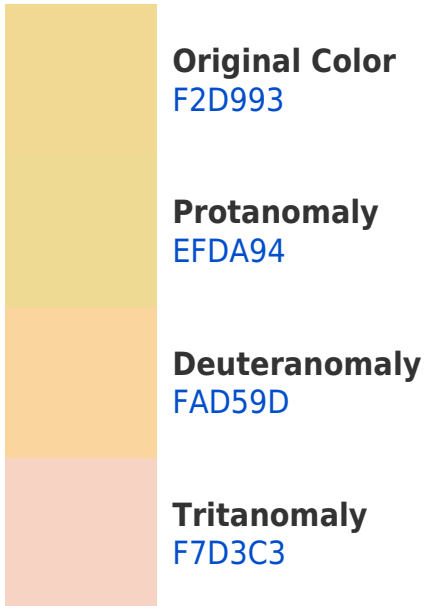
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2D993 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 #F2D993 looks like.

```
.text, #text, p{  
    color:#F2D993  
}
```

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 #F2D993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D993  
}
```

## Border

The CSS property to change the border of an element to Hex F2D993 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  
#F2D993 }
```

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

```
.border{ border-color:#F2D993 }
```

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

Here you see how a box with a 4 pixel #F2D993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D993; -webkit-box-shadow:4px 4px  
4px 4px #F2D993; box-shadow:4px 4px 4px  
4px #F2D993 }
```

# Background

The CSS property to change the background color of an element to Hex F2D993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D993 }
```

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

```
.background{ background-color:#F2D993 }
```

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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