

Converting Colors

Hex(F5DF33)

Have a look what the booklet for
Hex(F5DF33) contains.

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Color

Hex(F5DF33)

Conversions

Conversions Part 1

Format	Color
Hex	F5DF33
RGB	245, 223, 51
RGB Percent	96%, 87%, 20%
CMY	0.0392, 0.1255, 0.8000
CMYK	0.00, 0.09, 0.79, 0.04
HSL	53°, 91%, 58%
HSV	53°, 79%, 96%
XYZ	64.6414, 72.4268, 13.7048
YIQ	209.9700, 68.3240, -48.8280

Conversions

Conversions Part 2

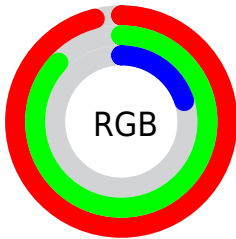
Format	Color
RYB	76, 245, 51
Decimal	16113459
CIELab	88.17, -9.32, 79.38
CIELCh	88, 79.924, 96.696
Yxy	72.4268, 0.4287, 0.4804
Android (android.graphics.Color)	4294303539 (0xFFFF5DF33)
YUV	209.9700, -78.3722, 30.7213
Hunter-Lab	85.1040, -13.3508, 50.0250

Details

The Hex color **F5DF33** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3349F5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF70**, and **B8A800** is the 20% darker color. If you saturate the color by 10%, you get **F5DC1A**, and if you desaturate by 10%, it is **F5E24C**.

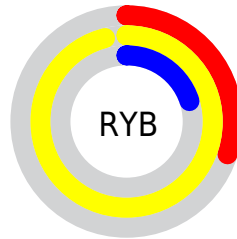
Distribution



Red (96%)

Green (87%)

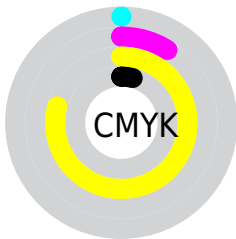
Blue (20%)



Red (30%)

Yellow (96%)

Blue (20%)

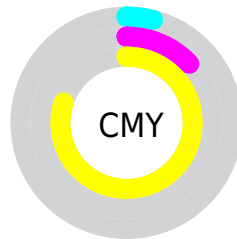


Cyan (0%)

Magenta (9%)

Yellow (79%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5DF33 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 F5DF33 by changing the saturation by 10% instead.

 F5DF33

 F5DF33

FFFFFF

 D6C300

 FFFF70

 B8A800

 FFFF8D

 9B8E00

 FFFFAA

 7E7500

 FFFFC7

 625C00

 FFFF E5

 464500

 2C2F00

 131B00

 000000

 F5DF33

 F5DF33

 F5DC1A

 F5E24C

 F5D902

 F5E564

 F5D900

 F5E77D

 F5EA95

 F5EDAE

 F5F0C6

 F5F2DF

 F5F5F7

 F5F8FF

Harmonies

Analogous

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



FFC34C



F5DF33



A5F25A

Triad

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



F5DF33



00FFFF



FFA2FF

Complementary

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



F5DF33



3349F5

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.



F6C2FF



F5DF33



00F5FF

Square

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



F5DF33



00FFED



50E0FF



FF95CF

Rectangle

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



F5DF33



56FB85



50E0FF



FFACFF

Sweetspot

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



F5DF33



FFF8C2



F5334A



807B5B



000000



808080

Same Dimension

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



F5DF33



FFE40D



ABF533



7A796E



BAA500



3B3400

Inverse Universe

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



3349F5



0D28FF



7D33F5



6E707A



0015BA



00073B

Previews

White Background



This preview shows how the Hex color F5DF33 looks on a white background.

Color Contrast Check

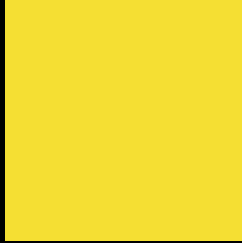
Large Text (above 18pt) WCAG AA × Fail

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 F5DF33 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 F5DF33 Background



This preview shows how black text looks on a background with the Hex color F5DF33.

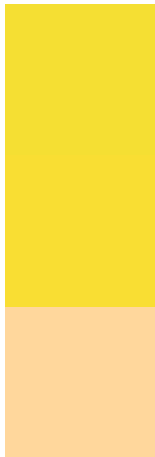


This preview shows how white text looks on a background with the Hex color F5DF33.

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



Original Color
F5DF33

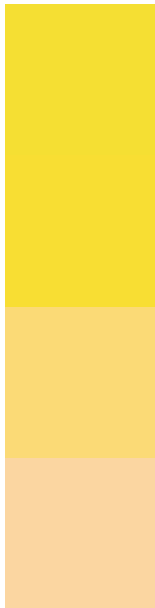
Protanopia
F9DE33

Deuteranopia
FFD79C



Tritanopia
FFD1E0

Trichromacy



Original Color
F5DF33

Protanomaly
F8DE33

Deuteranomaly
FBDA76

Tritanomaly
FBD6A1

Monochromacy



Original Color
F5DF33

Achromatopsia
D2D2D2

Achromatomaly
DFD798

CSS Examples

Text

The CSS property to change the color of the text to Hex F5DF33 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 #F5DF33 looks like.

```
.text, #text, p{  
    color:#F5DF33  
}
```

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 #F5DF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5DF33
}
```

Border

The CSS property to change the border of an element to Hex F5DF33 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
#F5DF33 }
```

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

```
.border{ border-color:#F5DF33 }
```

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

Here you see how a box with a 4 pixel #F5DF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5DF33; -webkit-box-shadow:4px 4px  
4px 4px #F5DF33; box-shadow:4px 4px 4px  
4px #F5DF33 }
```

Background

The CSS property to change the background color of an element to Hex F5DF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5DF33 }
```

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

```
.background{ background-color:#F5DF33 }
```

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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