

Converting Colors

Hex(F0DE66)

Have a look what the booklet for
Hex(F0DE66) contains.

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Color

Hex(F0DE66)

Conversions

Conversions Part 1

Format	Color
Hex	F0DE66
RGB	240, 222, 102
RGB Percent	94%, 87%, 40%
CMY	0.0588, 0.1294, 0.6000
CMYK	0.00, 0.07, 0.57, 0.06
HSL	52°, 82%, 67%
HSV	52°, 57%, 94%
XYZ	64.4547, 71.7271, 23.0180
YIQ	213.7020, 49.2480, -33.5040

Conversions

Conversions Part 2

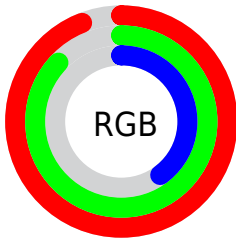
Format	Color
RYB	123, 240, 102
Decimal	15785574
CIELab	87.84, -8.29, 59.89
CIELCh	88, 60.459, 97.884
Yxy	71.7271, 0.4049, 0.4505
Android (android.graphics.Color)	4293975654 (0xFFFF0DE66)
YUV	213.7020, -55.0691, 23.0633
Hunter-Lab	84.6919, -12.3634, 43.1702

Details

The Hex color **F0DE66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6678F0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF9D**, and **B5A72F** is the 20% darker color. If you saturate the color by 10%, you get **F0DB4E**, and if you desaturate by 10%, it is **F0E17E**.

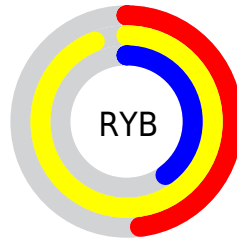
Distribution



Red (94%)

Green (87%)

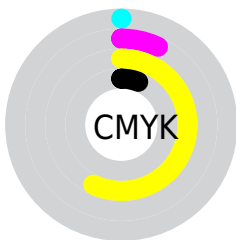
Blue (40%)



Red (48%)

Yellow (94%)

Blue (40%)

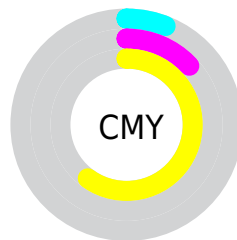


Cyan (0%)

Magenta (7%)

Yellow (57%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0DE66 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 F0DE66 by changing the saturation by 10% instead.

 F0DE66

 F0DE66

FFFFFF

 D2C24B

 FFFF9D

 B5A72F


 FFFF88

 998D0D

 FFFF65

 7D7400

 FFFF42

 615B00

 474400

 2D2E00

 141A00

 000000

 F0DE66

 F0DE66

 F0DB4E

 F0E17E

 F0D836

 F0E496

 F0D51E

 F0E7AE

 F0D106

 F0EBC6

 F0D100

 F0EEDE

 F0F1F6

 F0F4FF

 F0F7FF

 F0FAFF

Harmonies

Analogous

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



FFCA71



F0DE66



B2ED7E

Triad

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



F0DE66



00F7FF



FFB3FF

Complementary

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



F0DE66



6678F0

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.



F5C7FF



F0DE66



00EEFF

Square

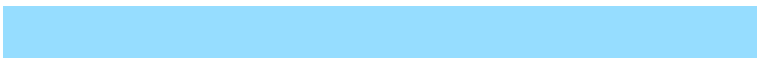
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0DE66



00FAEA



96DDFF



FFACCF

Rectangle

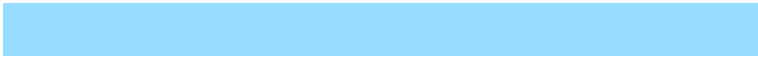
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0DE66



80F49D



96DDFF



FFB9FF

Sweetspot

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



F0DE66



FFF9D4



F06678



807C66



000000



808080

Same Dimension

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



F0DE66



FFE84F



BDF066



78766C



B8A000



383100

Inverse Universe

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



6678F0



4F66FF



9966F0



6C6D78



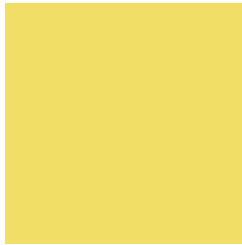
0018B8



000738

Previews

White Background



This preview shows how the Hex color F0DE66 looks on a white background.

Color Contrast Check

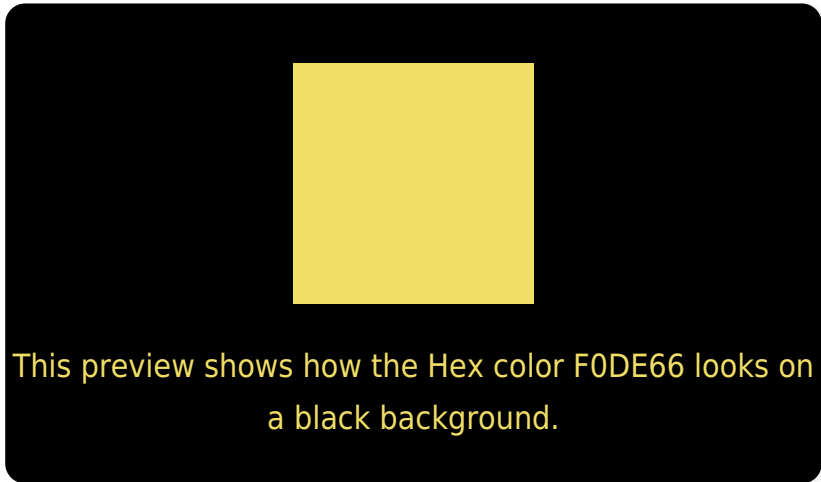
Large Text (above 18pt) WCAG AA × Fail

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 F0DE66 Background



This preview shows how black text looks on a background with the Hex color F0DE66.

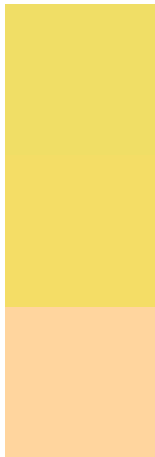


This preview shows how white text looks on a background with the Hex color F0DE66.

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
F0DE66

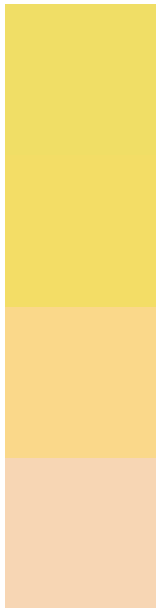
Protanopia
F4DD66

Deuteranopia
FFD59E



Tritanopia
FBD1E1

Trichromacy



Original Color
F0DE66

Protanomaly
F3DD66

Deuteranomaly
FAD88A

Tritanomaly
F7D6B4

Monochromacy



Original Color
F0DE66

Achromatopsia
D6D6D6

Achromatomaly
DFD9AD

CSS Examples

Text

The CSS property to change the color of the text to Hex F0DE66 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 #F0DE66 looks like.

```
.text, #text, p{  
    color:#F0DE66  
}
```

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 #F0DE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0DE66
}
```

Border

The CSS property to change the border of an element to Hex F0DE66 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
#F0DE66 }
```

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

```
.border{ border-color:#F0DE66 }
```

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

Here you see how a box with a 4 pixel #F0DE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0DE66; -webkit-box-shadow:4px 4px  
4px 4px #F0DE66; box-shadow:4px 4px 4px  
4px #F0DE66 }
```

Background

The CSS property to change the background color of an element to Hex F0DE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0DE66 }
```

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

```
.background{ background-color:#F0DE66 }
```

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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