

# Converting Colors

Hex(F7DF11)

Have a look what the booklet for  
Hex(F7DF11) contains.

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**Color**

**Hex(F7DF11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DF11
RGB	247, 223, 17
RGB Percent	97%, 87%, 7%
CMY	0.0314, 0.1255, 0.9333
CMYK	0.00, 0.10, 0.93, 0.03
HSL	54°, 93%, 52%
HSV	54°, 93%, 97%
XYZ	64.8466, 72.5900, 11.1238
YIQ	206.6920, 80.4300, -58.9780

# Conversions

## Conversions Part 2

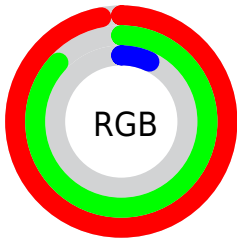
Format	Color
<a href="#">RYB</a>	44, 247, 17
Decimal	16244497
CIELab	88.25, -9.19, 86.25
CIELCh	88, 86.737, 96.083
Yxy	72.5900, 0.4365, 0.4886
Android (android.graphics.Color)	4294434577 (0xFFFF7DF11)
YUV	206.6920, -93.5182, 35.3501
Hunter-Lab	85.1998, -13.2409, 51.8988

# Details

The Hex color **F7DF11** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1129F7**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF5E**, and **BAA800** is the 20% darker color. If you saturate the color by 10%, you get **F7DD00**, and if you desaturate by 10%, it is **F7E22A**.

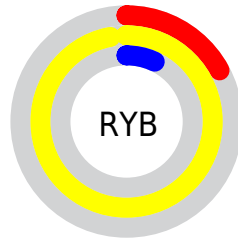
# Distribution



Red (97%)

Green (87%)

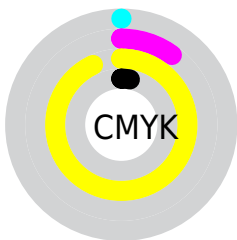
Blue (7%)



Red (17%)

Yellow (97%)

Blue (7%)

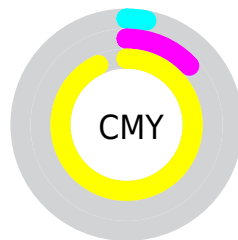


Cyan (0%)

Magenta (10%)

Yellow (93%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7DF11 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 F7DF11 by changing the saturation by 10% instead.



 F7DF11

 F7DF11

FFFFFF

 D8C300

 FFFF5E

 BAA800

 FFFF7C

 9C8E00

 FFFF9A

 7F7500

 FFFFB7

 625D00

 FFFFD5

 464500

 FFFFF3

 2D2F00

 141B00

 000000

 F7DF11

 F7DF11

 F7DD00

 F7E22A

 F7E442

 F7E75B

 F7E974

 F7EC8D

 F7EEA5

 F7F1BE

 F7F4D7

 F7F6EF

# Harmonies

## Analogous

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



FFC03D



F7DF11



A0F44A

# Triad

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



F7DF11



00FFFF



FF9BFF

# Complementary

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



F7DF11



1129F7

# 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.



F5C0FF



F7DF11



00F8FF

# Square

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



F7DF11



00FFEC



00E2FF



FF8BD0

# Rectangle

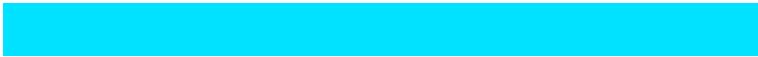
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7DF11



42FD7C



00E2FF



FFA7FF



# Sweetspot

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



F7DF11



FFF8B8



F7112C



807B54



000000



808080



# Same Dimension

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



F7DF11



FFE400



9FF711



7A796E



BAA700



3B3500



# Inverse Universe

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



1129F7



001BFF



6911F7



6E6F7A



0013BA



00063B



# Previews

## White Background



This preview shows how the Hex color F7DF11 looks on a white background.

## Color Contrast Check

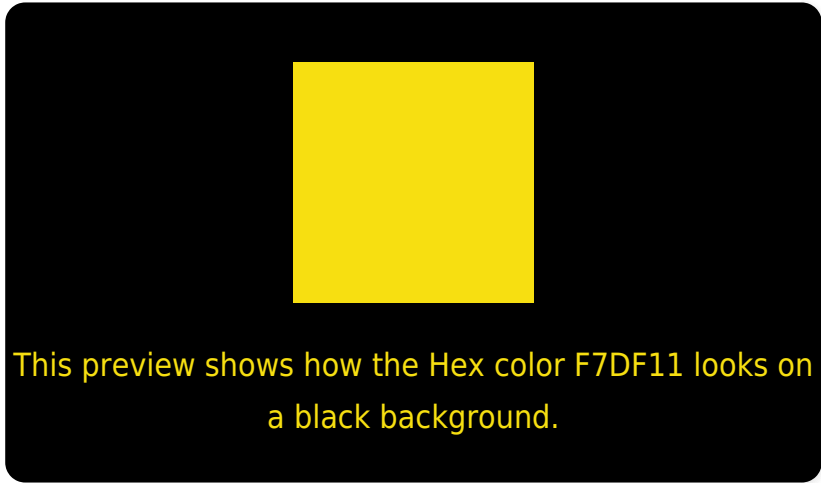
Large Text (above 18pt) WCAG AA × Fail

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 F7DF11 Background



This preview shows how black text looks on a background with the Hex color F7DF11.

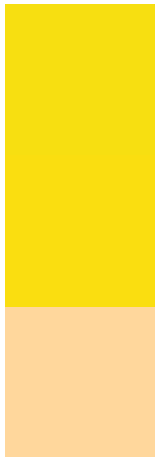


This preview shows how white text looks on a background with the Hex color F7DF11.

# 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**  
F7DF11

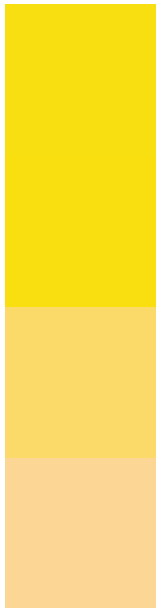
**Protanopia**  
FADE10

**Deuteranopia**  
FFD79C



**Tritanopia**  
FFD1DF

# Trichromacy



**Original Color**  
F7DF11

**Protanomaly**  
F9DE10

**Deuteranomaly**  
FCDA69

**Tritanomaly**  
FCD694

# Monochromacy



**Original Color**  
F7DF11

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
DED58A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7DF11 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 #F7DF11 looks like.

```
.text, #text, p{  
    color:#F7DF11  
}
```

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 #F7DF11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7DF11
}
```

## Border

The CSS property to change the border of an element to Hex F7DF11 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
#F7DF11 }
```

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

```
.border{ border-color:#F7DF11 }
```

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

Here you see how a box with a 4 pixel #F7DF11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7DF11; -webkit-box-shadow:4px 4px  
4px 4px #F7DF11; box-shadow:4px 4px 4px  
4px #F7DF11 }
```

# Background

The CSS property to change the background color of an element to Hex F7DF11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7DF11 }
```

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

```
.background{ background-color:#F7DF11 }
```

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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