

Converting Colors

Hex(FDF167)

Have a look what the booklet for
Hex(FDF167) contains.

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Color

Hex(FDF167)

Conversions

Conversions Part 1

Format	Color
Hex	FDF167
RGB	253, 241, 103
RGB Percent	99%, 95%, 40%
CMY	0.0078, 0.0549, 0.5961
CMYK	0.00, 0.05, 0.59, 0.01
HSL	55°, 97%, 70%
HSV	55°, 59%, 99%
XYZ	74.4115, 84.7725, 25.2728
YIQ	228.8560, 51.4500, -40.3740

Conversions

Conversions Part 2

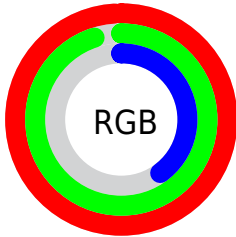
Format	Color
RYB	116, 253, 103
Decimal	16642407
CIELab	93.79, -12.38, 66.37
CIElCh	94, 67.518, 100.570
Yxy	84.7725, 0.4034, 0.4596
Android (android.graphics.Color)	4294832487 (0xFFFD167)
YUV	228.8560, -62.0470, 21.1743
Hunter-Lab	92.0720, -16.8644, 48.1759

Details

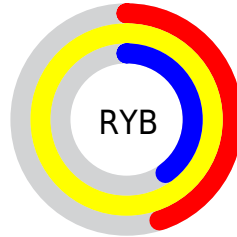
The Hex color **FDF167** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6773FD**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF9F**, and **C1B92E** is the 20% darker color. If you saturate the color by 10%, you get **FDEF4E**, and if you desaturate by 10%, it is **FDF380**.

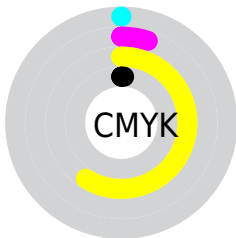
Distribution



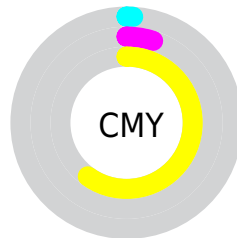
- Red (99%)
- Green (95%)
- Blue (40%)



- Red (45%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDF167 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 FDF167 by changing the saturation by 10% instead.

 FDF167

 FDF167

FFFFFF

 DFD54B

 FFFF9F

 C1B92E

 FFFFBB

 A49E03

 FFFFD8

 888400

 FFFFF5

 6C6B00

 515300

 363D00

 1D2700

 001400

 FDF167

 FDF167

 FDEF4E

 FDF380

 FDED34

 FDF59A

 FDEB1B

 FDF7B3

 FDE902

 FDF9CC

 FDE900

 FDFBE6

 FDFDFF

 FDFFFF

Harmonies

Analogous

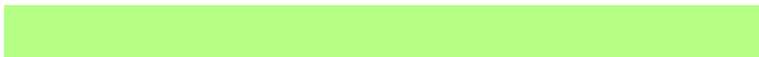
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDA71



FDF167



B6FF86

Triad

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



FDF167



00FFFF



FFBCFF

Complementary

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



FDF167



6773FD

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.



FFD3FF



FDF167



00FFFF

Square

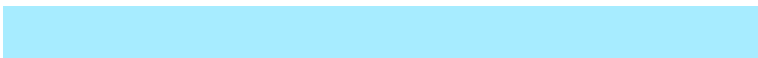
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



fdf167



00ffff



a7ecff



ffb5d8

Rectangle

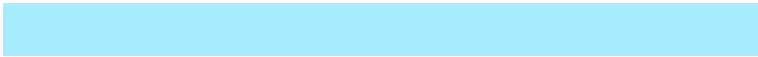
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDF167



79FFAA



A7ECFF



FFC3FF

Sweetspot

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



FDF167



FFFBD1



FD6773



807D63



000000



808080

Same Dimension

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



FDF167



FFF14A



BFFD67



807E73



BFB000



403B00

Inverse Universe

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



6773FD



4A58FF



A667FD



737480



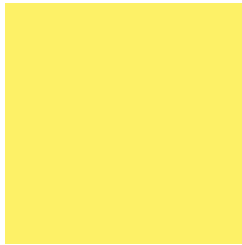
000FBF



000540

Previews

White Background



This preview shows how the Hex color FDF167 looks on a white background.

Color Contrast Check

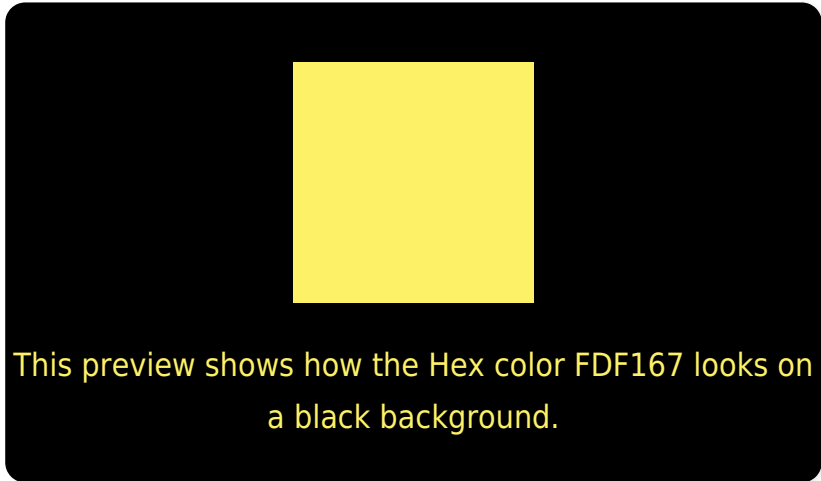
Large Text (above 18pt) WCAG AA × Fail

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 FDF167 Background



This preview shows how black text looks on a background with the Hex color FDF167.

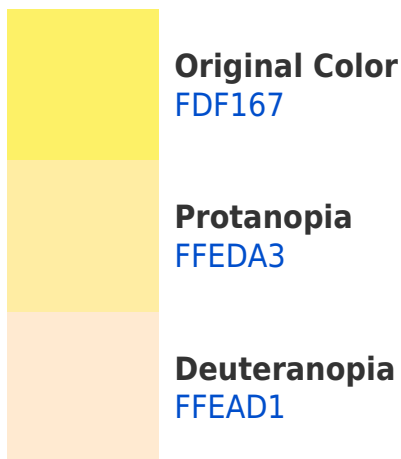


This preview shows how white text looks on a background with the Hex color FDF167.

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
FFE7F1

Trichromacy



Original Color
FDF167



Protanomaly
FEEE8D



Deuteranomaly
FEEDAA

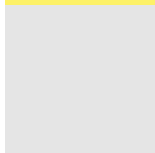


Tritanomaly
FEEBBF

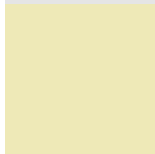
Monochromacy



Original Color
FDF167



Achromatopsia
E5E5E5



Achromatomaly
EEE9B7

CSS Examples

Text

The CSS property to change the color of the text to Hex FDF167 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 #FDF167 looks like.

```
.text, #text, p{  
  color:#FDF167  
}
```

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 #FDF167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDF167
}
```

Border

The CSS property to change the border of an element to Hex FDF167 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
#FDF167 }
```

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

```
.border{ border-color:#FDF167 }
```

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

Here you see how a box with a 4 pixel #FDF167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDF167; -webkit-box-shadow:4px 4px  
4px 4px #FDF167; box-shadow:4px 4px 4px  
4px #FDF167 }
```

Background

The CSS property to change the background color of an element to Hex FDF167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDF167 }
```

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

```
.background{ background-color:#FDF167 }
```

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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