

Converting Colors

Hex(FDDE76)

Have a look what the booklet for
Hex(FDDE76) contains.

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Color

Hex(FDDE76)

Conversions

Conversions Part 1

Format	Color
Hex	FDDE76
RGB	253, 222, 118
RGB Percent	99%, 87%, 46%
CMY	0.0078, 0.1294, 0.5373
CMYK	0.00, 0.12, 0.53, 0.01
HSL	46°, 97%, 73%
HSV	46°, 53%, 99%
XYZ	69.8993, 74.4332, 27.8225
YIQ	219.4130, 51.8600, -25.7720

Conversions

Conversions Part 2

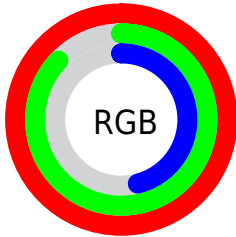
Format	Color
R_{YB}	158, 253, 118
Decimal	16637558
CIE Lab	89.13, -1.82, 54.34
CIE LCh	89, 54.370, 91.914
Yxy	74.4332, 0.4060, 0.4324
Android (android.graphics.Color)	4294827638 (0xFFFDDE76)
YUV	219.4130, -49.9966, 29.4558
Hunter-Lab	86.2747, -6.3609, 41.2720

Details

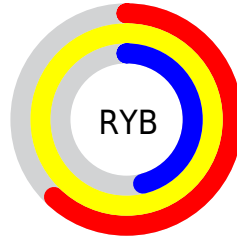
The Hex color **FDDE76** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7695FD**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFAC**, and **C2A741** is the 20% darker color. If you saturate the color by 10%, you get **FDD85D**, and if you desaturate by 10%, it is **FDE48F**.

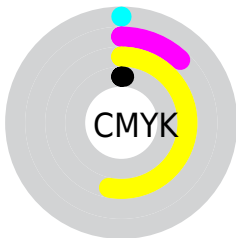
Distribution



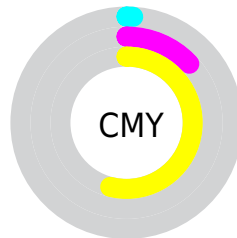
- Red (99%)
- Green (87%)
- Blue (46%)



- Red (62%)
- Yellow (99%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (53%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDDE76 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 FDDE76 by changing the saturation by 10% instead.

 FDDE76

 FDDE76

FFFFFF

 DFC25C

 FFFFAC

 C2A741

 FFFFC8

 A58D27

 FFFF E5

 897404

 6D5B00

 534400

 382E00

 201A00

 000000

 FDDE76

 FDDE76

 FDD85D

 FDE48F

 FDD243

 FDEAA9

 FD CD2A

 FDEFC2

 FDC711

 FDF5DB

 FDC300

 FDFBF5

FDFFFF

Harmonies

Analogous

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



FFCC85



FDDE76



C7ED85

Triad

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



FDDE76



00FAFF



FFBFFF

Complementary

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



FDDE76



7695FD

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.



E9D1FF



FDDE76



00F2FF

Square

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



FDDE76



07FBE2



92E4FF



FFB6DF

Rectangle

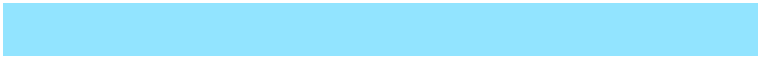
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDDE76



9EF49E



92E4FF



FFC4FF

Sweetspot

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



FDDE76



FFF6D6



FD7696



807A67



000000



808080

Same Dimension

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



FDDE76



FFDA5C



D9FD76



807D73



BF9300



403100

Inverse Universe

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



7695FD



5C81FF



9A76FD



737680



002CBF



000F40

Previews

White Background



This preview shows how the Hex color FDDE76 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 FDDE76 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 FDDE76 Background



This preview shows how black text looks on a background with the Hex color FDDE76.

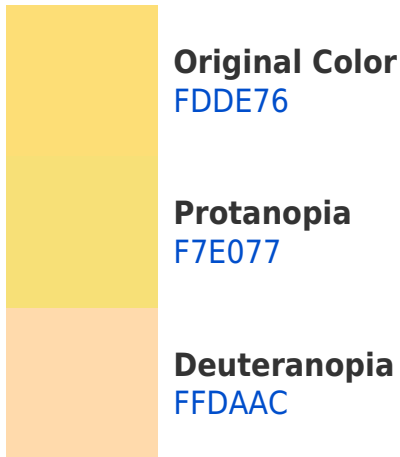


This preview shows how white text looks on a background with the Hex color FDDE76.

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](#).

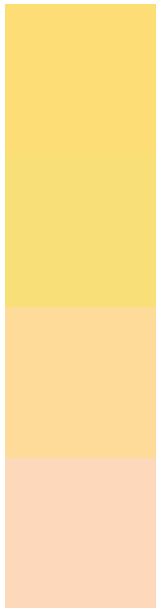
Dichromacy





Tritanopia
FFD5E2

Trichromacy



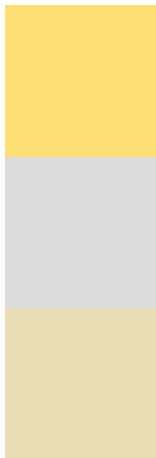
Original Color
FDDE76

Protanomaly
F9DF77

Deuteranomaly
FEDB98

Tritanomaly
FED8BB

Monochromacy



Original Color
FDDE76

Achromatopsia
DBDBDB

Achromatomaly
E7DCB6

CSS Examples

Text

The CSS property to change the color of the text to Hex FDDE76 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 #FDDE76 looks like.

```
.text, #text, p{  
    color:#FDDE76  
}
```

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 #FDDE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDDE76
}
```

Border

The CSS property to change the border of an element to Hex FDDE76 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
#FDDE76 }
```

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

```
.border{ border-color:#FDDE76 }
```

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

Here you see how a box with a 4 pixel #FDDE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDDE76; -webkit-box-shadow:4px 4px  
4px 4px #FDDE76; box-shadow:4px 4px 4px  
4px #FDDE76 }
```

Background

The CSS property to change the background color of an element to Hex FDDE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDDE76 }
```

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

```
.background{ background-color:#FDDE76 }
```

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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