

Converting Colors

Hex(FDE802)

Have a look what the booklet for
Hex(FDE802) contains.

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Color

Hex(FDE802)

Conversions

Conversions Part 1

Format	Color
Hex	FDE802
RGB	253, 232, 2
RGB Percent	99%, 91%, 1%
CMY	0.0078, 0.0902, 0.9922
CMYK	0.00, 0.08, 0.99, 0.01
HSL	55°, 98%, 50%
HSV	55°, 99%, 99%
XYZ	69.3756, 78.6003, 11.5723
YIQ	212.0590, 86.3460, -67.0780

Conversions

Conversions Part 2

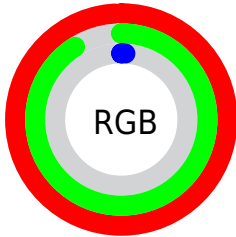
Format	Color
R _Y B	25, 253, 2
Decimal	16640002
CIE Lab	91.05, -11.25, 89.84
CIE LCh	91, 90.540, 97.137
Yxy	78.6003, 0.4348, 0.4926
Android (android.graphics.Color)	4294830082 (0xFFFDE802)
YUV	212.0590, -103.5591, 35.9053
Hunter-Lab	88.6568, -15.4698, 54.3207

Details

The Hex color **FDE802** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **0217FD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5C**, and **BFB100** is the 20% darker color. If you saturate the color by 10%, you get **FDE800**, and if you desaturate by 10%, it is **FDEA1B**.

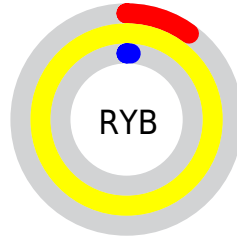
Distribution



Red (99%)

Green (91%)

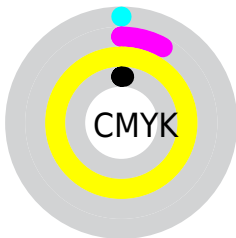
Blue (1%)



Red (10%)

Yellow (99%)

Blue (1%)

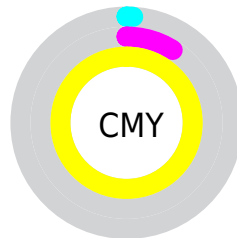


Cyan (0%)

Magenta (8%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDE802 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 FDE802 by changing the saturation by 10% instead.

 FDE802

 FDE802

FFFFFF

 DECC00

 FFFF5C

 BFB100

 FFFF7B

 A19600

 FFFF99

 847D00


 FFFFB7

 676400

 FFFFD4

 4B4D00

 FFFFF3

 313600

 182100

 000700

 FDE802

 FDE802

 FDE800

 FDEA1B

 FDEC35

 FDEE4E

 FDF067

 FDF381

 FDF59A

 FDF7B3

 FDF9CC

 FDFBE6

Harmonies

Analogous

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



FFC839



FDE802



A0FD4C

Triad

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



FDE802



00FFFF



FF9EFF

Complementary

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



FDE802



0217FD

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.



FFC5FF



FDE802



00FFFF

Square

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



FDE802



00FFF8



00E9FF



FF8ED4

Rectangle

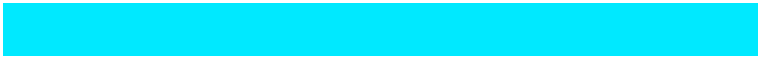
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDE802



33FF81



00E9FF



FFAAFF

Sweetspot

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



FDE802



FFF9B3



FD021B



807C52



000000



808080

Same Dimension

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



FDE802



FFEA00



99FD02



807E73



BFAF00



403A00

Inverse Universe

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



0217FD



0015FF



6602FD



737480



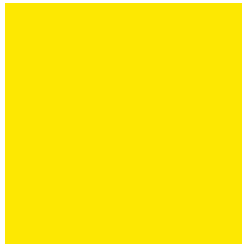
0010BF



000540

Previews

White Background



This preview shows how the Hex color FDE802 looks on a white background.

Color Contrast Check

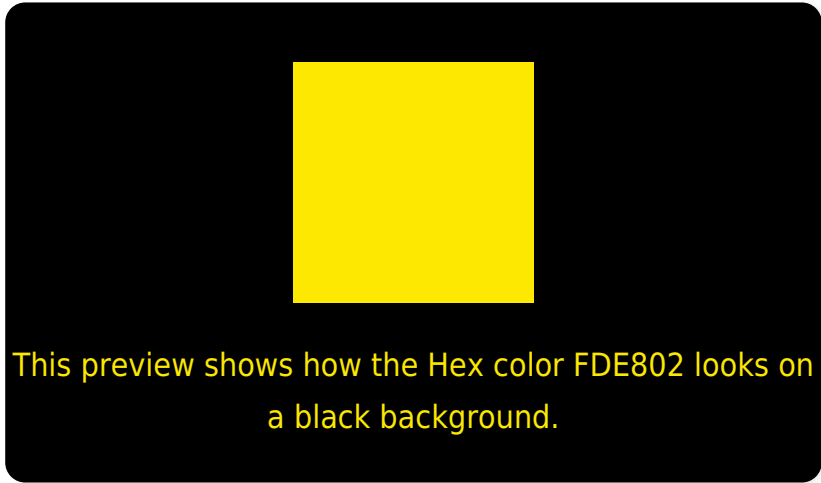
Large Text (above 18pt) WCAG AA × Fail

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 FDE802 Background



This preview shows how black text looks on a background with the Hex color FDE802.



This preview shows how white text looks on a background with the Hex color FDE802.

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
FDE802

Protanopia
FFE65D

Deuteranopia
FFE1B8



Tritanopia
FFDCE7

Trichromacy



Original Color
FDE802



Protanomaly
FEE73C



Deuteranomaly
FEE476

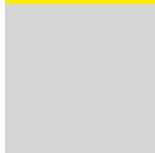


Tritanomaly
FEE094

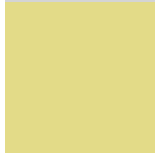
Monochromacy



Original Color
FDE802



Achromatopsia
D4D4D4



Achromatomaly
E3DB88

CSS Examples

Text

The CSS property to change the color of the text to Hex FDE802 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 #FDE802 looks like.

```
.text, #text, p{  
    color:#FDE802  
}
```

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 #FDE802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE802  
}
```

Border

The CSS property to change the border of an element to Hex FDE802 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  
#FDE802 }
```

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

```
.border{ border-color:#FDE802 }
```

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

Here you see how a box with a 4 pixel #FDE802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE802; -webkit-box-shadow:4px 4px  
4px 4px #FDE802; box-shadow:4px 4px 4px  
4px #FDE802 }
```

Background

The CSS property to change the background color of an element to Hex FDE802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE802 }
```

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

```
.background{ background-color:#FDE802 }
```

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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