

Converting Colors

Hex(FDED23)

Have a look what the booklet for
Hex(FDED23) contains.

Hex(FDED23)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FDED23)

Conversions

Conversions Part 1

Format	Color
Hex	FDED23
RGB	253, 237, 35
RGB Percent	99%, 93%, 14%
CMY	0.0078, 0.0706, 0.8627
CMYK	0.00, 0.06, 0.86, 0.01
HSL	56°, 98%, 56%
HSV	56°, 86%, 99%
XYZ	71.0956, 81.5724, 13.5880
YIQ	218.7560, 74.3780, -59.4300

Conversions

Conversions Part 2

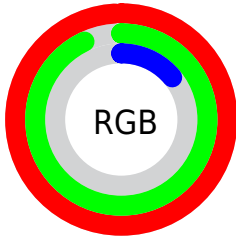
Format	Color
R _Y B	52, 253, 35
Decimal	16641315
CIE Lab	92.39, -13.30, 86.93
CIE LCh	92, 87.939, 98.701
Yxy	81.5724, 0.4276, 0.4906
Android (android.graphics.Color)	4294831395 (0xFFFD23)
YUV	218.7560, -90.5917, 30.0320
Hunter-Lab	90.3174, -17.5448, 54.3022

Details

The Hex color **FDED23** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2333FD**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF68**, and **C0B600** is the 20% darker color. If you saturate the color by 10%, you get **FDEB0A**, and if you desaturate by 10%, it is **FDEF3C**.

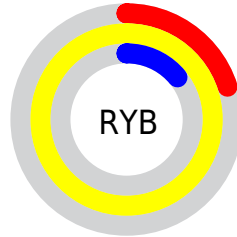
Distribution



Red (99%)

Green (93%)

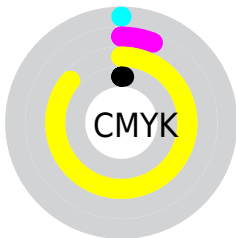
Blue (14%)



Red (20%)

Yellow (99%)

Blue (14%)

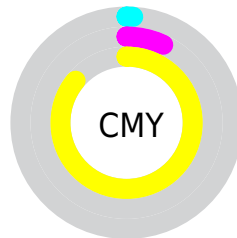


Cyan (0%)

Magenta (6%)

Yellow (86%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDED23 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 FDED23 by changing the saturation by 10% instead.

 FEDED23

 FEDED23

FFFFFFF

 DED100

 FFFF68

 C0B600

 FFFF86

 A29B00

 FFFFA4

 858100


 FFFF81

 686800

 FFFFDF

 4C5100

FFFFFFD

 313A00

 192400

 000F00

 FDED23

 FDED23

 FDEB0A

 FDEF3C

 FDEA00

 FDF156

 FDF36F

 FDF488

 FDF6A2

 FDF8BB

 FDFAD4

 FDFCED

 FDFEFF

Harmonies

Analogous

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



FFCF41



FDED23



A2FF5A

Triad

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



FDED23



00FFFF



FFA4FF

Complementary

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



FDED23



2333FD

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.



FFC8FF



FDED23



00FFFF

Square

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



FDED23



00FFFF



53EBFF



FF96D4

Rectangle

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



FDED23



38FF8C



53EBFF



FFAFFF

Sweetspot

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



FDED23



FFFABD



FD2335



807D58



000000



808080

Same Dimension

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



FDED23



FFEC00



A2FD23



807F73



BFB100



403B00

Inverse Universe

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



2333FD



0013FF



7E23FD



737480



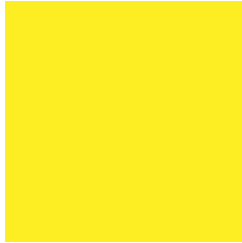
000EBF



000540

Previews

White Background



This preview shows how the Hex color FDED23 looks on a white background.

Color Contrast Check

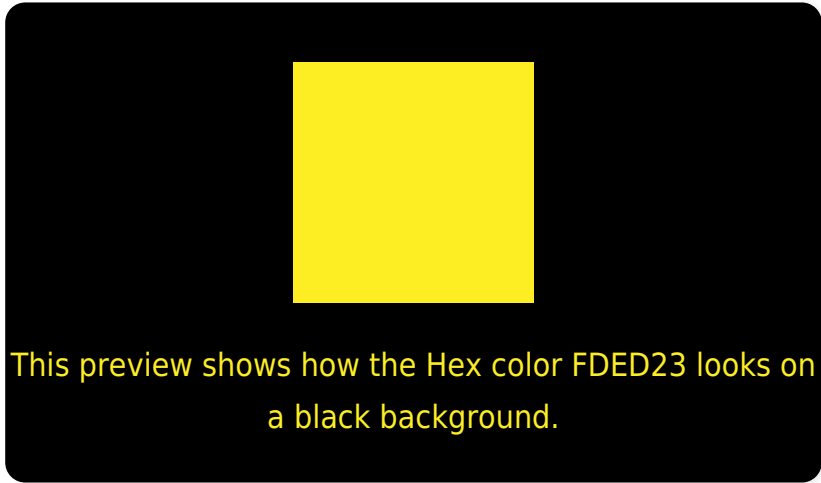
Large Text (above 18pt) WCAG AA × Fail

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 FDED23 Background



This preview shows how black text looks on a background with the Hex color FDED23.



This preview shows how white text looks on a background with the Hex color FDED23.

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
FDED23

Protanopia
FFE983

Deuteranopia
FFE5C4



Tritanopia
FFE1EC

Trichromacy



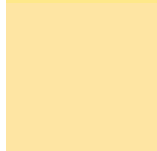
Original Color
FDED23



Protanomaly
FEEA60



Deuteranomaly
FEE889



Tritanomaly
FEE5A3

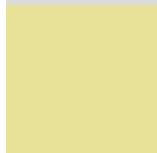
Monochromacy



Original Color
FDED23



Achromatopsia
DBDBDB



Achromatomaly
E7E298

CSS Examples

Text

The CSS property to change the color of the text to Hex FDED23 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 #FDED23 looks like.

```
.text, #text, p{  
    color:#FDED23  
}
```

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 #FDED23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDED23
}
```

Border

The CSS property to change the border of an element to Hex FDED23 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
#FDED23 }
```

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

```
.border{ border-color:#FDED23 }
```

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

Here you see how a box with a 4 pixel #FDED23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDED23; -webkit-box-shadow:4px 4px  
4px 4px #FDED23; box-shadow:4px 4px 4px  
4px #FDED23 }
```

Background

The CSS property to change the background color of an element to Hex FDED23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDED23 }
```

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

```
.background{ background-color:#FDED23 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor