

# Converting Colors

Hex(FDEB0A)

Have a look what the booklet for  
Hex(FDEB0A) contains.

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# **Color**

**Hex(FDEB0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDEB0A
RGB	253, 235, 10
RGB Percent	99%, 92%, 4%
CMY	0.0078, 0.0784, 0.9608
CMYK	0.00, 0.07, 0.96, 0.01
HSL	56°, 98%, 52%
HSV	56°, 96%, 99%
XYZ	70.2711, 80.3212, 12.0870
YIQ	214.7320, 82.9530, -66.1590

# Conversions

## Conversions Part 2

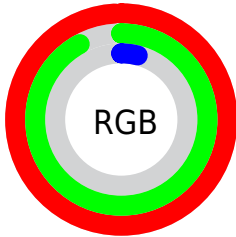
Format	Color
R <sub>Y</sub> B	29, 253, 10
Decimal	16640778
CIE Lab	91.83, -12.66, 89.79
CIE LCh	92, 90.680, 98.028
Yxy	80.3212, 0.4320, 0.4937
Android (android.graphics.Color)	4294830858 (0xFFFDEB0A)
YUV	214.7320, -100.9329, 33.5610
Hunter-Lab	89.6221, -16.8800, 54.7392

# Details

The Hex color **FDEB0A** 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 **0A1CFD**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF5F**, and **C0B400** is the 20% darker color. If you saturate the color by 10%, you get **FDEA00**, and if you desaturate by 10%, it is **FDED23**.

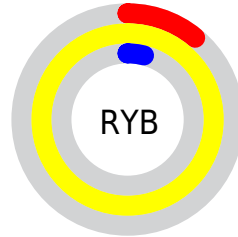
# Distribution



Red (99%)

Green (92%)

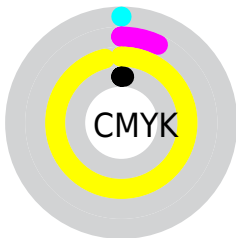
Blue (4%)



Red (11%)

Yellow (99%)

Blue (4%)

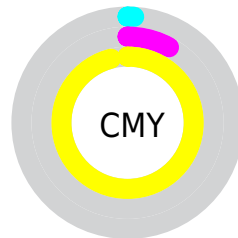


Cyan (0%)

Magenta (7%)

Yellow (96%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDEB0A 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 FDEB0A by changing the saturation by 10% instead.



 FDEB0A

 FDEB0A

FFFFFF

 DECF00

 FFFF5F

 C0B400

 FFFF7D

 A19900

 FFFF9B

 847F00

 FFFFB9

 676700

 FFFFD7

 4B4F00

 FFFFF5

 313800

 182300

 000C00

 FDEB0A

 FDEB0A

 FDEA00

 FDED23

 FDEF3D

 FDF156

 FDF26F

 FDF489

 FDF6A2

 FDF8BB

 FDFAD4

 FDFCEE

# Harmonies

## Analogous

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



FFCB39



FDEB0A



9FFF50

# Triad

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



FDEB0A



00FFFF



FF9FFF

# Complementary

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



FDEB0A



0A1CFD

# 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.



FFC6FF



FDEB0A



00FFFF

# Square

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



FDEB0A



00FFFD



2CEAFF



FF90D4

# Rectangle

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



FDEB0A



2CFF86



2CEAFF



FFABFF



# Sweetspot

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



FDEB0A



FFFAB5



FD0A1E



807C53



000000



808080



# Same Dimension

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



FDEB0A



FFEC00



98FD0A



807F73



BFB100



403B00



# Inverse Universe

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



0A1CFD



0013FF



6F0AFD



737480



000EBF

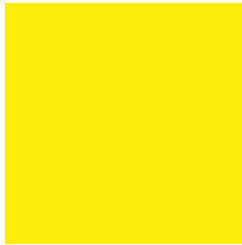


000540



# Previews

## White Background



This preview shows how the Hex color FDEB0A looks on a white background.

## Color Contrast Check

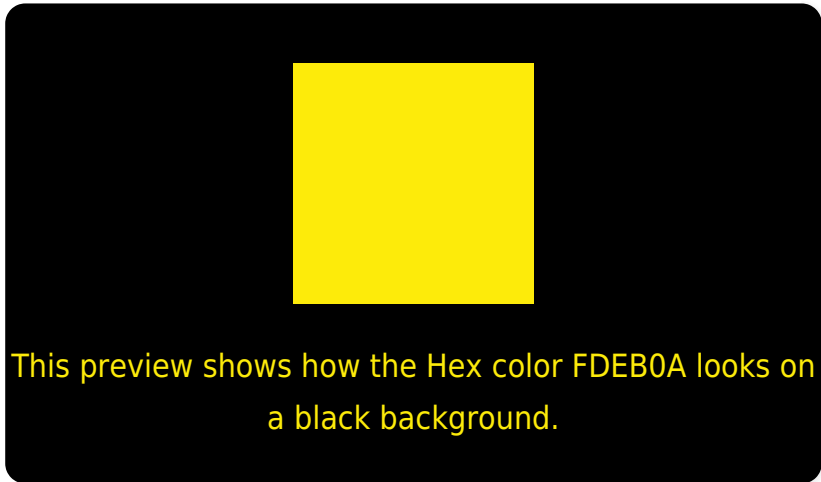
Large Text (above 18pt) WCAG AA × Fail

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 FDEB0A Background



This preview shows how black text looks on a background with the Hex color FDEB0A.



This preview shows how white text looks on a background with the Hex color FDEB0A.

# 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**  
FDEB0A

**Protanopia**  
FFE875

**Deuteranopia**  
FFE3BF



# Trichromacy



**Original Color**  
FDEB0A



**Protanomaly**  
FEE94E



**Deuteranomaly**  
FEE67D

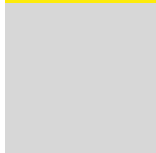


**Tritanomaly**  
FEE399

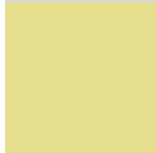
# Monochromacy



**Original Color**  
FDEB0A



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E5DE8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDEB0A 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 #FDEB0A looks like.

```
.text, #text, p{  
    color:#FDEB0A  
}
```

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 #FDEB0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDEB0A
}
```

## Border

The CSS property to change the border of an element to Hex FDEB0A 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
#FDEB0A }
```

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

```
.border{ border-color:#FDEB0A }
```

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

Here you see how a box with a 4 pixel #FDEB0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDEB0A; -webkit-box-shadow:4px 4px  
4px 4px #FDEB0A; box-shadow:4px 4px 4px  
4px #FDEB0A }
```

# Background

The CSS property to change the background color of an element to Hex FDEB0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDEB0A }
```

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

```
.background{ background-color:#FDEB0A }
```

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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