

Converting Colors

Hex(FDEBA4)

Have a look what the booklet for
Hex(FDEBA4) contains.

Hex(FDEBA4)	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(FDEBA4)

Conversions

Conversions Part 1

Format	Color
Hex	FDEBA4
RGB	253, 235, 164
RGB Percent	99%, 92%, 64%
CMY	0.0078, 0.0784, 0.3569
CMYK	0.00, 0.07, 0.35, 0.01
HSL	48°, 96%, 82%
HSV	48°, 35%, 99%
XYZ	76.9172, 82.9796, 47.0847
YIQ	232.2880, 33.5190, -18.2650

Conversions

Conversions Part 2

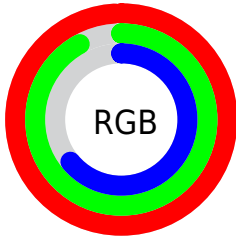
Format	Color
R _Y B	187, 253, 164
Decimal	16640932
CIE Lab	93.01, -3.91, 36.70
CIE LCh	93, 36.907, 96.081
Yxy	82.9796, 0.3716, 0.4009
Android (android.graphics.Color)	4294831012 (0xFFFDEBA4)
YUV	232.2880, -33.6660, 18.1644
Hunter-Lab	91.0932, -8.6913, 33.1191

Details

The Hex color **FDEBA4** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **A4B6FD**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFDC**, and **C3B36F** is the 20% darker color. If you saturate the color by 10%, you get **FDE68B**, and if you desaturate by 10%, it is **FDF0BD**.

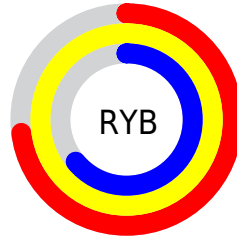
Distribution



Red (99%)

Green (92%)

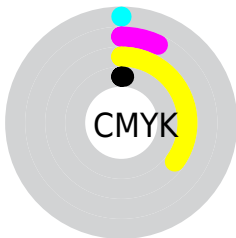
Blue (64%)



Red (73%)

Yellow (99%)

Blue (64%)

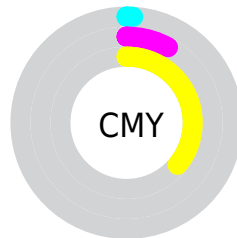


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDEBA4 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 FDEBA4 by changing the saturation by 10% instead.

 FDEBA4

 FDEBA4

FFFFFF

 E0CF89

 FFFFDC

 C3B36F

 FFFFF8

 A79956

 8C7F3E

 716626

 574E0D

 3F3700

 262200

 070D00

 FDEBA4

 FDEBA4

 FDE68B

 FDF0BD

 FDE171

 FDF5D7

 FDDC58

 FDFAF0

 FDD73F

FDFFFF

 FDD126

 FDCC0C

 FDCA00

Harmonies

Analogous

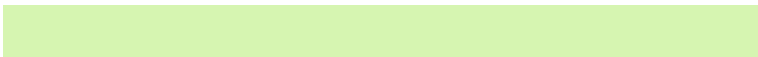
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDFAB



FDEBA4



D6F5B1

Triad

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



FDEBA4



7BFDFD



FFD5FF

Complementary

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



FDEBA4



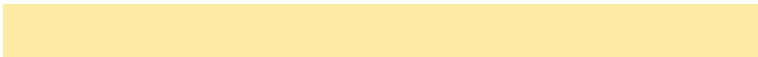
A4B6FD

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.



F9DFFF



FDEBA4



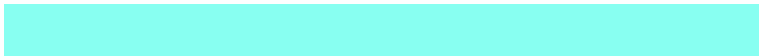
96F6FF

Square

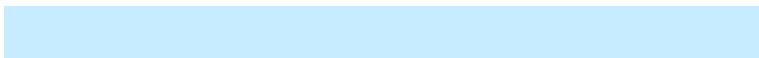
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDEBA4



88FFF1



C8ECFF



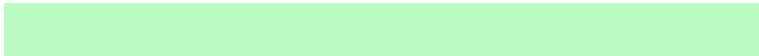
FFD0E5

Rectangle

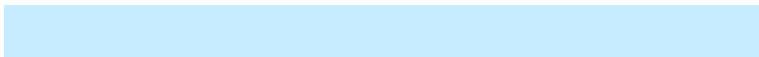
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDEBA4



BBFAC2



C8ECFF



FFD8FF

Sweetspot

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



FDEBA4



FFF9E3



FDA4B7



807C6F



000000



808080

Same Dimension

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



FDEBA4



FFE994



E4FDA4



807D73



BF9900



403300

Inverse Universe

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



A4B6FD



94AAFF



BDA4FD



737580



0027BF



000D40

Previews

White Background



This preview shows how the Hex color FDEBA4 looks on a white background.

Color Contrast Check

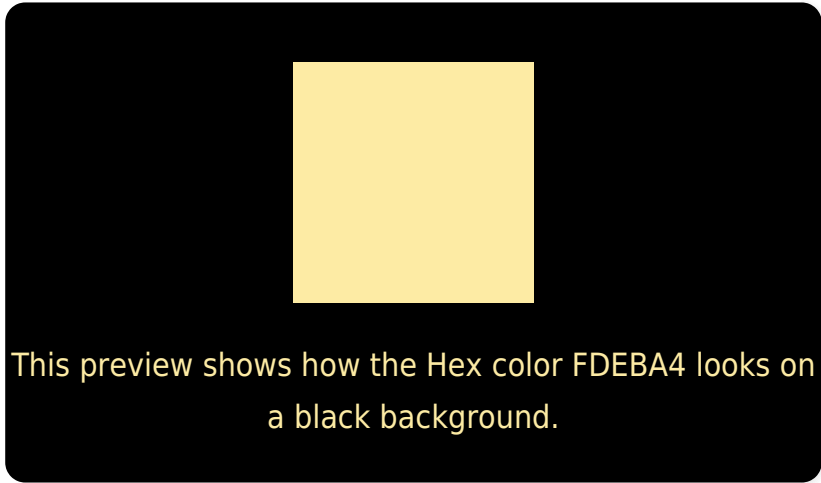
Large Text (above 18pt) WCAG AA × Fail

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

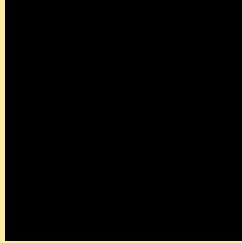
Any Text WCAG AA ✓ Pass

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 FDEBA4 Background



This preview shows how black text looks on a background with the Hex color FDEBA4.

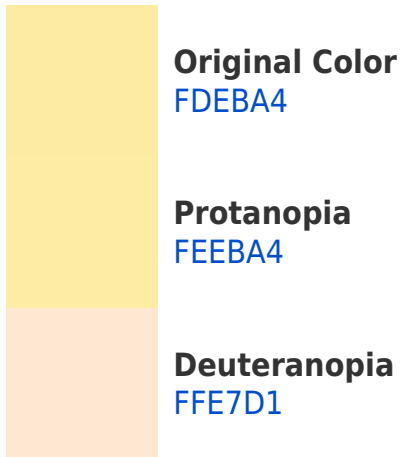


This preview shows how white text looks on a background with the Hex color FDEBA4.

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
FFE4F1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDEBA4 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 #FDEBA4 looks like.

```
.text, #text, p{  
    color:#FDEBA4  
}
```

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 #FDEBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDEBA4
}
```

Border

The CSS property to change the border of an element to Hex FDEBA4 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
#FDEBA4 }
```

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

```
.border{ border-color:#FDEBA4 }
```

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

Here you see how a box with a 4 pixel #FDEBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDEBA4; -webkit-box-shadow:4px 4px  
4px 4px #FDEBA4; box-shadow:4px 4px 4px  
4px #FDEBA4 }
```

Background

The CSS property to change the background color of an element to Hex FDEBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDEBA4 }
```

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

```
.background{ background-color:#FDEBA4 }
```

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