

Converting Colors

Hex(FDEB72)

Have a look what the booklet for
Hex(FDEB72) contains.

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Color

Hex(FDEB72)

Conversions

Conversions Part 1

Format	Color
Hex	FDEB72
RGB	253, 235, 114
RGB Percent	99%, 92%, 45%
CMY	0.0078, 0.0784, 0.5529
CMYK	0.00, 0.07, 0.55, 0.01
HSL	52°, 97%, 72%
HSV	52°, 55%, 99%
XYZ	73.2536, 81.5142, 27.7925
YIQ	226.5880, 49.5690, -33.8150

Conversions

Conversions Part 2

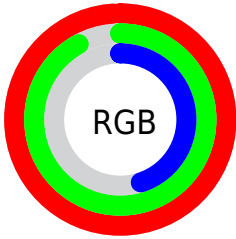
Format	Color
RYB	135, 253, 114
Decimal	16640882
CIELab	92.36, -8.65, 59.96
CIELCh	92, 60.580, 98.205
Yxy	81.5142, 0.4013, 0.4465
Android (android.graphics.Color)	4294830962 (0xFFFDEB72)
YUV	226.5880, -55.5059, 23.1633
Hunter-Lab	90.2852, -13.1718, 44.9484

Details

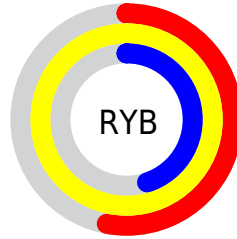
The Hex color **FDEB72** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7284FD**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFA9**, and **C2B33C** is the 20% darker color. If you saturate the color by 10%, you get **FDE859**, and if you desaturate by 10%, it is **FDEE8B**.

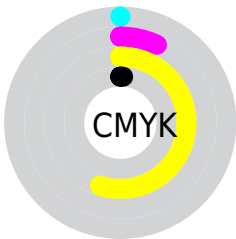
Distribution



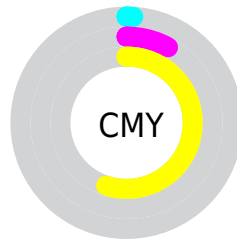
- Red (99%)
- Green (92%)
- Blue (45%)



- Red (53%)
- Yellow (99%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDEB72 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 FDEB72 by changing the saturation by 10% instead.

 FDEB72

 FDEB72

FFFFFF

 DFCE57

 FFFFA9

 C2B33C

 FFFFC5

 A5991E

 FFFFE2

 897F00

 6D6600

 524E00

 383800

 1F2300

 000E00

 FDEB72

 FDEB72

 FDE859

 FDEE8B

 FDE43F

 FDF2A5

 FDE126

 FDF5BE

 FDDE0D

 FDF8D7

 FDDC00

 FDFBF1

FDFFFF

Harmonies

Analogous

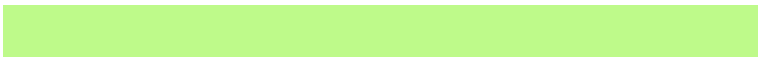
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD77D



FDEB72



BEFA8A

Triad

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



FDEB72



00FFFF



FFC0FF

Complementary

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



FDEB72



7284FD

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.



FFD4FF



FDEB72



00FBFF

Square

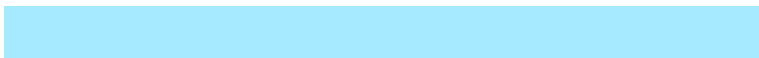
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDEB72



00FFF8



A6EAFF



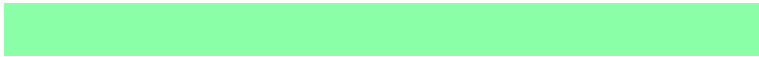
FFB9DB

Rectangle

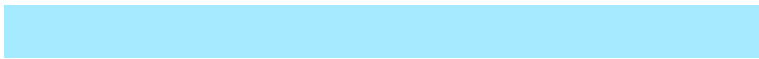
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDEB72



8CFFA9



A6EAFB



FFC5FF

Sweetspot

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



FDEB72



FFFAD6



FD7285



807C67



000000



808080

Same Dimension

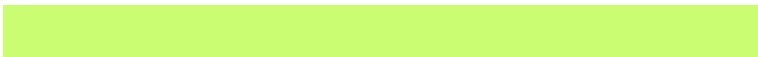
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FDEB72



FFE957



CAFD72



807E73



BFA600



403700

Inverse Universe

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



7284FD



576CFF



A572FD



737480



0019BF



000840

Previews

White Background



This preview shows how the Hex color FDEB72 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 FDEB72 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 FDEB72 Background



This preview shows how black text looks on a background with the Hex color FDEB72.

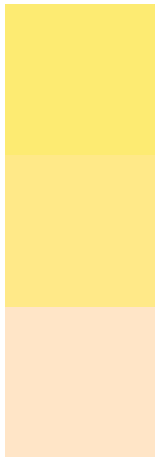


This preview shows how white text looks on a background with the Hex color FDEB72.

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
FDEB72

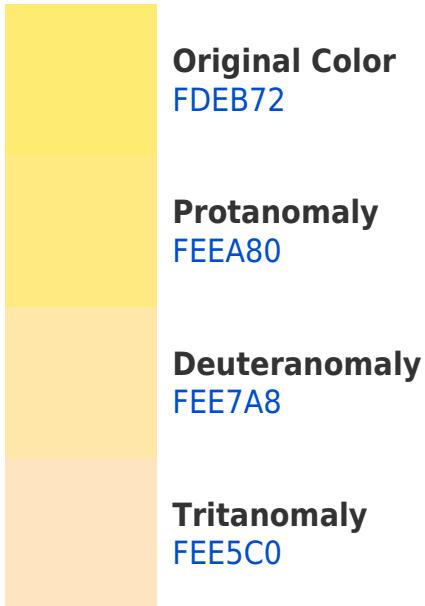
Protanopia
FFE988

Deuteranopia
FFE5C7

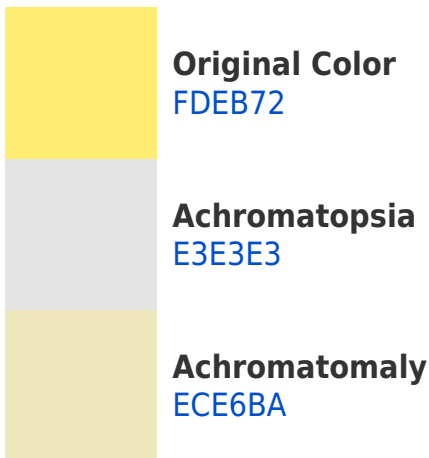


Tritanopia
FFE1ED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDEB72 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 #FDEB72 looks like.

```
.text, #text, p{  
    color:#FDEB72  
}
```

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 #FDEB72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDEB72
}
```

Border

The CSS property to change the border of an element to Hex FDEB72 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
#FDEB72 }
```

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

```
.border{ border-color:#FDEB72 }
```

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

Here you see how a box with a 4 pixel #FDEB72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDEB72; -webkit-box-shadow:4px 4px  
4px 4px #FDEB72; box-shadow:4px 4px 4px  
4px #FDEB72 }
```

Background

The CSS property to change the background color of an element to Hex FDEB72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDEB72 }
```

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

```
.background{ background-color:#FDEB72 }
```

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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