

Converting Colors

Hex(FDE88B)

Have a look what the booklet for
Hex(FDE88B) contains.

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Color

Hex(FDE88B)

Conversions

Conversions Part 1

Format	Color
Hex	FDE88B
RGB	253, 232, 139
RGB Percent	99%, 91%, 55%
CMY	0.0078, 0.0902, 0.4549
CMYK	0.00, 0.08, 0.45, 0.01
HSL	49°, 97%, 77%
HSV	49°, 45%, 99%
XYZ	74.0248, 80.4600, 36.0549
YIQ	227.6770, 42.3690, -24.4710

Conversions

Conversions Part 2

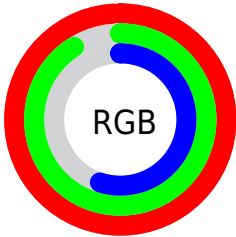
Format	Color
RYP	165, 253, 139
Decimal	16640139
CIELab	91.89, -5.02, 47.65
CIElCh	92, 47.916, 96.014
Yxy	80.4600, 0.3885, 0.4223
Android (android.graphics.Color)	4294830219 (0xFFFDE88B)
YUV	227.6770, -43.7178, 22.2083
Hunter-Lab	89.6995, -9.6663, 38.9579

Details

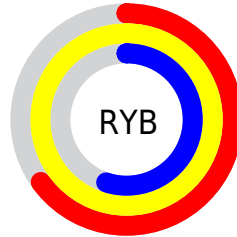
The Hex color **FDE88B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8BA0FD**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFC2**, and **C2B157** is the 20% darker color. If you saturate the color by 10%, you get **FDE372**, and if you desaturate by 10%, it is **FDEDA4**.

Distribution



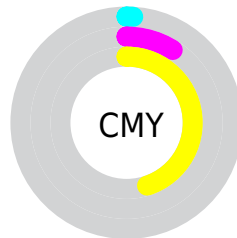
- Red (99%)
- Green (91%)
- Blue (55%)



- Red (65%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDE88B 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 FDE88B by changing the saturation by 10% instead.

 FDE88B

 FDE88B

FFFFFF

 DFCC71

 FFFFC2

 C2B157

 FFFFDE

 A6963D

 FFFFFB

 8A7C24

 6F6404

 554C00

 3B3500

 222000

 000A00

 FDE88B

 FDE88B

 FDE372

 FEEDA4

 FDDF58

 FDF1BE

 FDDA3F

 FDF6D7

 FDD526

 FDFBF0

 FDD10D

FDFFFF

 FDCE00

Harmonies

Analogous

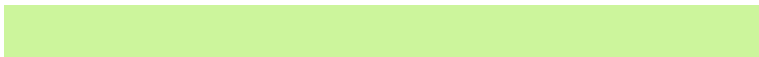
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD894



FDE88B



CCF59C

Triad

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



FDE88B



10FEFF



FFCAFF

Complementary

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



FDE88B



8BA0FD

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.



F9D8FF



FDE88B



61F7FF

Square

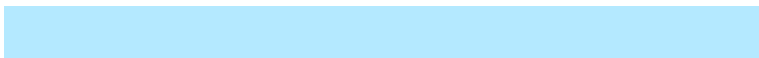
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDE88B



51FFF0



B4E9FF



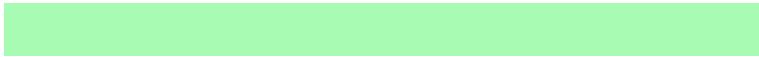
FFC4E0

Rectangle

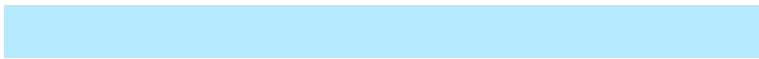
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDE88B



A7FBB3



B4E9FF



FFCEFF

Sweetspot

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



FDE88B



FFF8DB



FD8BA2



807C6A



000000



808080

Same Dimension

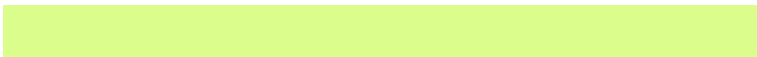
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FDE88B



FFE675



DBFD8B



807D73



BF9C00



403400

Inverse Universe

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



8BA0FD



758FFF



AD8BFD



737580



0023BF



000C40

Previews

White Background



This preview shows how the Hex color FDE88B looks on a white background.

Color Contrast Check

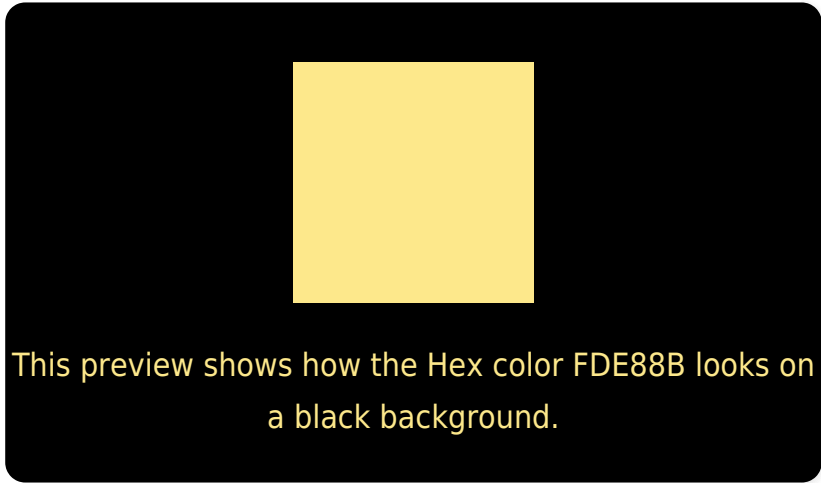
Large Text (above 18pt) WCAG AA × Fail

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 FDE88B Background



This preview shows how black text looks on a background with the Hex color FDE88B.

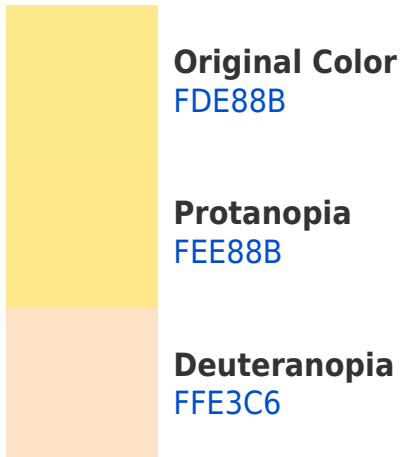


This preview shows how white text looks on a background with the Hex color FDE88B.

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



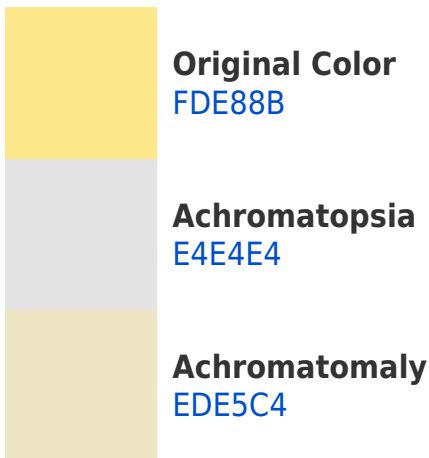


Tritanopia
FFE0EC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDE88B 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 #FDE88B looks like.

```
.text, #text, p{  
    color:#FDE88B  
}
```

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 #FDE88B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE88B
}
```

Border

The CSS property to change the border of an element to Hex FDE88B 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
#FDE88B }
```

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

```
.border{ border-color:#FDE88B }
```

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

Here you see how a box with a 4 pixel #FDE88B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE88B; -webkit-box-shadow:4px 4px  
4px 4px #FDE88B; box-shadow:4px 4px 4px  
4px #FDE88B }
```

Background

The CSS property to change the background color of an element to Hex FDE88B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE88B }
```

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

```
.background{ background-color:#FDE88B }
```

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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