

Converting Colors

Hex(FFE983)

Have a look what the booklet for
Hex(FFE983) contains.

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Color

Hex(FFE983)

Conversions

Conversions Part 1

Format	Color
Hex	FFE983
RGB	255, 233, 131
RGB Percent	100%, 91%, 51%
CMY	0.0000, 0.0863, 0.4863
CMYK	0.00, 0.09, 0.49, 0.00
HSL	49°, 100%, 76%
HSV	49°, 49%, 100%
XYZ	74.4756, 81.1765, 33.2161
YIQ	227.9500, 45.8540, -27.0580

Conversions

Conversions Part 2

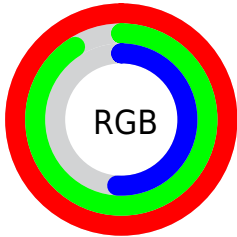
Format	Color
R_{YB}	158, 255, 131
Decimal	16771459
CIE _{Lab}	92.21, -5.46, 51.93
CIE _{LCh}	92, 52.221, 96.007
Yxy	81.1765, 0.3943, 0.4298
Android (android.graphics.Color)	4294961539 (0xFFFFE983)
YUV	227.9500, -47.7963, 23.7229
Hunter-Lab	90.0980, -10.1222, 41.2104

Details

The Hex color **FFE983** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8399FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFBA**, and **C4B24E** is the 20% darker color. If you saturate the color by 10%, you get **FFE46A**, and if you desaturate by 10%, it is **FFEE9C**.

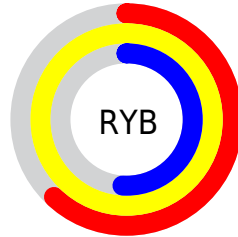
Distribution



Red (100%)

Green (91%)

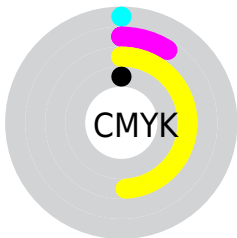
Blue (51%)



Red (62%)

Yellow (100%)

Blue (51%)

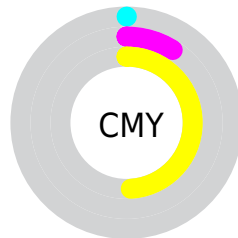


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE983 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 FFE983 by changing the saturation by 10% instead.

 FFE983

 FFE983

FFFFFF

 E1CD69

 FFFFBA

 C4B24E

 FFFFD6

 A89734

 FFFFF3

 8B7D19

 706400

 564D00

 3C3600

 232100

 000C00

 FFE983

 FFE983

 FFE46A

 FFEE9C

 FFE050

 FFF2B6

 FFDB37

 FFF7D0

 FFD71D

 FFFBE9

 FFD204

FFFFFF

 FFD200

Harmonies

Analogous

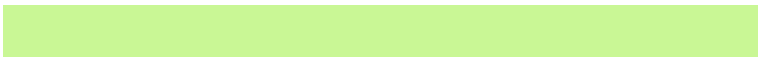
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD88E



FFE983



C9F795

Triad

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



FFE983



00FFFF



FFC7FF

Complementary

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



FFE983



8399FF

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.



FBD8FF



FFE983



42F9FF

Square

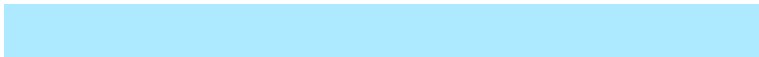
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFE983



2DFFF1



AEEAFF



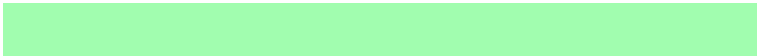
FFC0E0

Rectangle

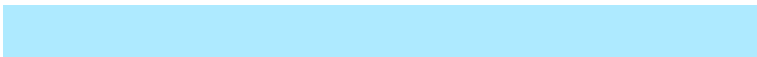
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE983



A1FDAF



AEEAFF



FFCCFF

Sweetspot

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



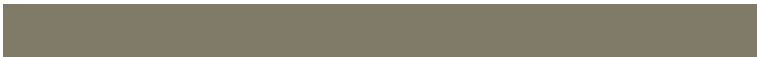
FFE983



FFF8D9



FF839A



807B69



000000



808080

Same Dimension

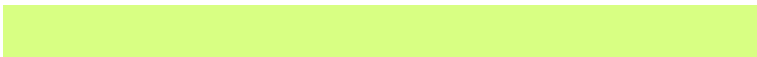
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFE983



FFE56B



D8FF83



807D73



BF9D00



403400

Inverse Universe

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



8399FF



6B85FF



AA83FF



737580



0022BF



000B40

Previews

White Background



This preview shows how the Hex color FFE983 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 FFE983 Background



This preview shows how black text looks on a background with the Hex color FFE983.

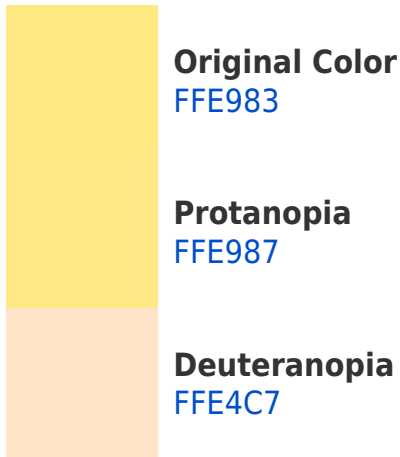


This preview shows how white text looks on a background with the Hex color FFE983.

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](#).

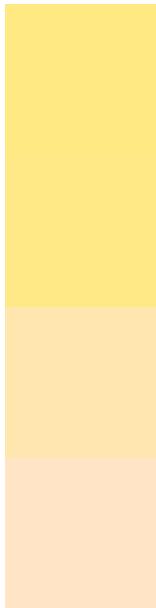
Dichromacy





Tritanopia
FFE1EC

Trichromacy



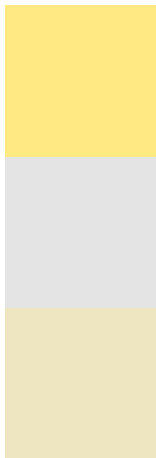
Original Color
FFE983

Protanomaly
FFE986

Deuteranomaly
FFE6AE

Tritanomaly
FFE4C6

Monochromacy



Original Color
FFE983

Achromatopsia
E4E4E4

Achromatomaly
EEE6C1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE983 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 #FFE983 looks like.

```
.text, #text, p{  
    color:#FFE983  
}
```

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 #FFE983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE983
}
```

Border

The CSS property to change the border of an element to Hex FFE983 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
#FFE983 }
```

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

```
.border{ border-color:#FFE983 }
```

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

Here you see how a box with a 4 pixel #FFE983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE983; -webkit-box-shadow:4px 4px  
4px 4px #FFE983; box-shadow:4px 4px 4px  
4px #FFE983 }
```

Background

The CSS property to change the background color of an element to Hex FFE983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE983 }
```

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

```
.background{ background-color:#FFE983 }
```

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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