

Converting Colors

Hex(FBE573)

Have a look what the booklet for
Hex(FBE573) contains.

Hex(FBE573)	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(FBE573)

Conversions

Conversions Part 1

Format	Color
Hex	FBE573
RGB	251, 229, 115
RGB Percent	98%, 90%, 45%
CMY	0.0157, 0.1020, 0.5490
CMYK	0.00, 0.09, 0.54, 0.02
HSL	50°, 94%, 72%
HSV	50°, 54%, 98%
XYZ	70.8975, 77.7857, 27.4971
YIQ	222.5820, 49.7060, -30.7900

Conversions

Conversions Part 2

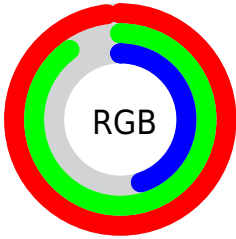
Format	Color
RYB	141, 251, 115
Decimal	16508275
CIELab	90.68, -6.38, 57.52
CIELCh	91, 57.870, 96.331
Yxy	77.7857, 0.4024, 0.4415
Android (android.graphics.Color)	4294698355 (0xFFFBE573)
YUV	222.5820, -53.0379, 24.9226
Hunter-Lab	88.1962, -10.8541, 43.2524

Details

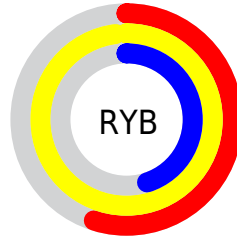
The Hex color **FBE573** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7389FB**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFAA**, and **C0AE3E** is the 20% darker color. If you saturate the color by 10%, you get **FBE15A**, and if you desaturate by 10%, it is **FBE98C**.

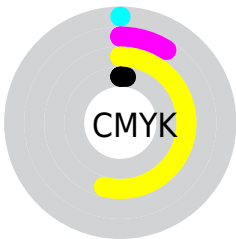
Distribution



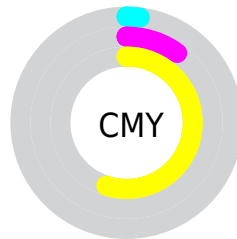
- Red (98%)
- Green (90%)
- Blue (45%)



- Red (55%)
- Yellow (98%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBE573 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 FBE573 by changing the saturation by 10% instead.

 FBE573

 FBE573

FFFFFF

 DDC958

 FFFFAA

 C0AE3E

 FFFFC6

 A39321

 FFFFE3

 877A00

 6B6100

 514A00

 363300

 1E1F00

 000500

 FBE573

 FBE573

 FBE15A

 FBE98C

 FBDD41

 FBEDA5

 FBD928

 FBF1BE

 FBD50F

 FBF5D7

 FBD200

 FBF9F1

 FBFDFD

 FBFFFF

Harmonies

Analogous

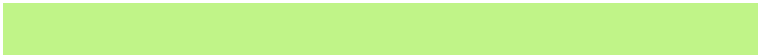
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD27F



FBE573



C0F488

Triad

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



FBE573



00FFFF



FFBEFF

Complementary

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



FBE573



7389FB

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.



F9D1FF



FBE573



00F6FF

Square

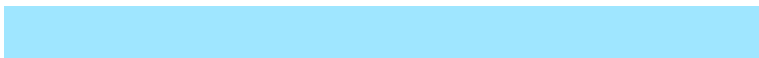
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBE573



00FFEF



9FE6FF



FFB6DB

Rectangle

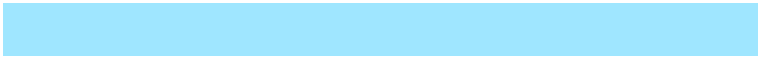
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBE573



92FBA5



9FE6FF



FFC4FF

Sweetspot

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



FBE573



FFF8D6



FB738A



807C67



000000



808080

Same Dimension

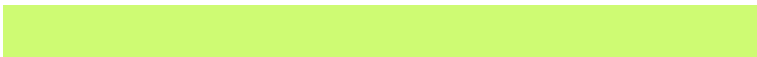
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FBE573



FFE459



CEFB73



7D7B70



BD9E00



3D3300

Inverse Universe

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



7389FB



5974FF



A073FB



70727D



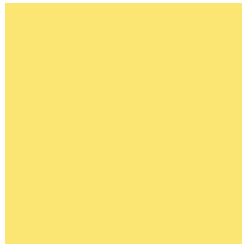
001FBD



000A3D

Previews

White Background



This preview shows how the Hex color FBE573 looks on a white background.

Color Contrast Check

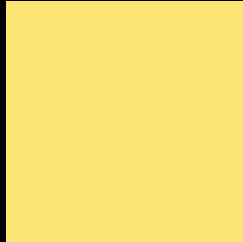
Large Text (above 18pt) WCAG AA × Fail

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 FBE573 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 FBE573 Background



This preview shows how black text looks on a background with the Hex color FBE573.

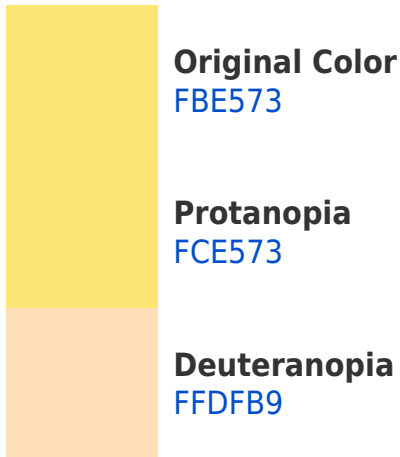


This preview shows how white text looks on a background with the Hex color FBE573.

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](#).

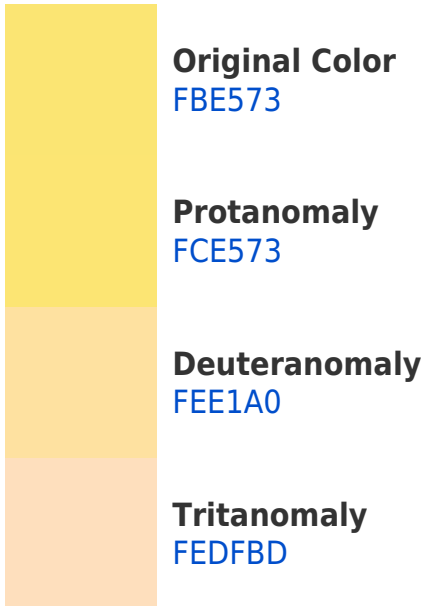
Dichromacy



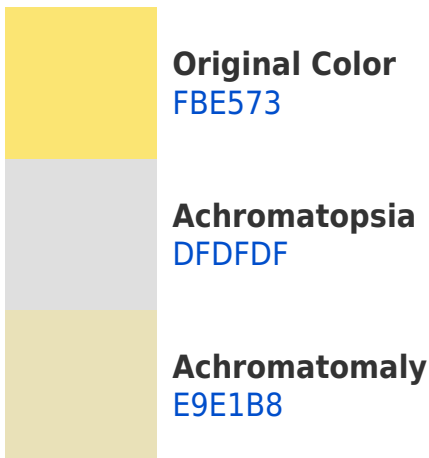


Tritanopia
FFDBE8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBE573 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 #FBE573 looks like.

```
.text, #text, p{  
    color:#FBE573  
}
```

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 #FBE573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBE573
}
```

Border

The CSS property to change the border of an element to Hex FBE573 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
#FBE573 }
```

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

```
.border{ border-color:#FBE573 }
```

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

Here you see how a box with a 4 pixel #FBE573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBE573; -webkit-box-shadow:4px 4px  
4px 4px #FBE573; box-shadow:4px 4px 4px  
4px #FBE573 }
```

Background

The CSS property to change the background color of an element to Hex FBE573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBE573 }
```

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

```
.background{ background-color:#FBE573 }
```

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