

Converting Colors

Hex(FEE45B)

Have a look what the booklet for
Hex(FEE45B) contains.

Hex(FEE45B)	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(FEE45B)

Conversions

Conversions Part 1

Format	Color
Hex	FEE45B
RGB	254, 228, 91
RGB Percent	100%, 89%, 36%
CMY	0.0039, 0.1059, 0.6431
CMYK	0.00, 0.10, 0.64, 0.00
HSL	50°, 99%, 68%
HSV	50°, 64%, 100%
XYZ	70.5048, 77.3130, 21.1044
YIQ	220.1560, 59.4730, -37.0950

Conversions

Conversions Part 2

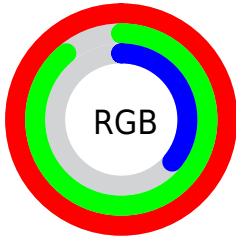
Format	Color
RYB	122, 254, 91
Decimal	16704603
CIELab	90.47, -6.29, 67.82
CIELCh	90, 68.107, 95.296
Yxy	77.3130, 0.4174, 0.4577
Android (android.graphics.Color)	4294894683 (0xFFFE45B)
YUV	220.1560, -63.6739, 29.6812
Hunter-Lab	87.9278, -10.7437, 47.3187

Details

The Hex color **FEE45B** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5B75FE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF93**, and **C2AD1F** is the 20% darker color. If you saturate the color by 10%, you get **FEE042**, and if you desaturate by 10%, it is **FEE874**.

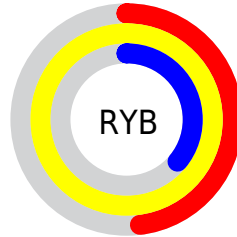
Distribution



Red (100%)

Green (89%)

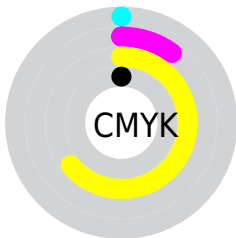
Blue (36%)



Red (48%)

Yellow (100%)

Blue (36%)

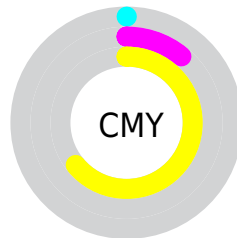


Cyan (0%)

Magenta (10%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEE45B 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 FEE45B by changing the saturation by 10% instead.

 FEE45B

 FEE45B

FFFFFF

 E0C83F

 FFFF93

 C2AD1F

 FFFF6F

 A59300

 FFFFCB

 887900

 FFFF80

 6C6000

 504900

 363300

 1D1E00

 000300

 FEE45B

 FEE45B

 FEE042

 FEE874

 FEDC28

 FEEC8E

 FED80F

 FEF0A7

 FED500

 FEF4C1

 FEF8DA

 FEF3F3

FEFFFF

Harmonies

Analogous

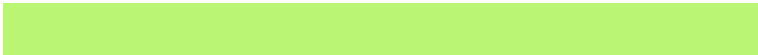
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCD6C



FEE45B



BAF674

Triad

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



FEE45B



00FFFF



FFB5FF

Complementary

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



FEE45B



5B75FE

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.



F7CEFF



FEE45B



00F9FF

Square

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



FEE45B



00FFEE



80E7FF



FFABDB

Rectangle

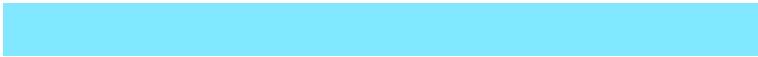
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEE45B



80FD96



80E7FF



FFBDFD

Sweetspot

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



FEE45B



FFF7CF



FE5B76



807B62



000000



808080

Same Dimension

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



FEE45B



FFE03B



C8FE5B



807D73



BFA100



403600

Inverse Universe

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



5B75FE



3B5AFF



915BFE



737580



001FBF



000A40

Previews

White Background



This preview shows how the Hex color FEE45B 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 FEE45B Background



This preview shows how black text looks on a background with the Hex color FEE45B.



This preview shows how white text looks on a background with the Hex color FEE45B.

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
FEE45B

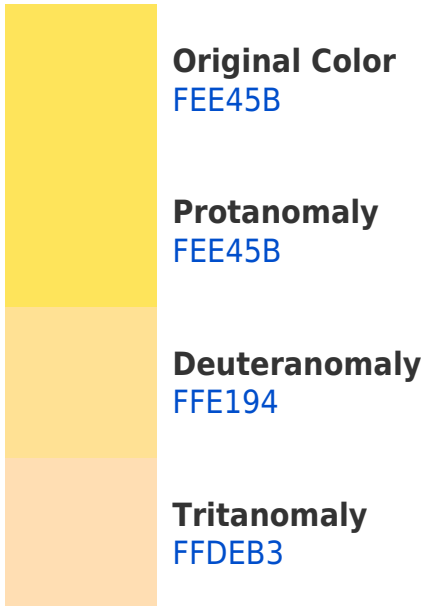
Protanopia
FEE45B

Deuteranopia
FFDFB5

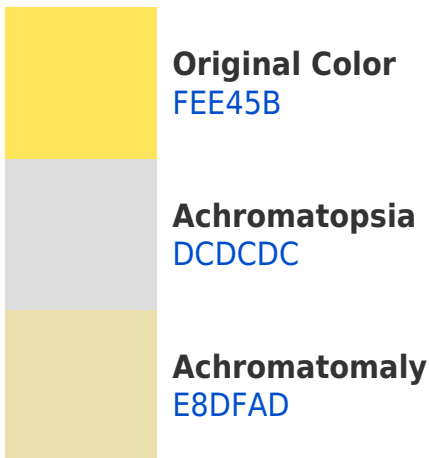


Tritanopia
FFDAE6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEE45B 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 #FEE45B looks like.

```
.text, #text, p{  
    color:#FEE45B  
}
```

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 #FEE45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEE45B }  
}
```

Border

The CSS property to change the border of an element to Hex FEE45B 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 #FEE45B }  
}
```

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

```
.border{ border-color:#FEE45B }
```

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

Here you see how a box with a 4 pixel #FEE45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEE45B; -webkit-box-shadow:4px 4px  
4px 4px #FEE45B; box-shadow:4px 4px 4px  
4px #FEE45B }
```

Background

The CSS property to change the background color of an element to Hex FEE45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEE45B }
```

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

```
.background{ background-color:#FEE45B }
```

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