

# Converting Colors

Hex(FFFE5B)

Have a look what the booklet for  
Hex(FFFE5B) contains.

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# Color

Hex(**FFFE5B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFE5B
RGB	255, 254, 91
RGB Percent	100%, 100%, 36%
CMY	0.0000, 0.0039, 0.6431
CMYK	0.00, 0.00, 0.64, 0.00
HSL	60°, 100%, 68%
HSV	60°, 64%, 100%
XYZ	78.5701, 92.8990, 23.6877
YIQ	235.7170, 52.9190, -50.4810

# Conversions

## Conversions Part 2

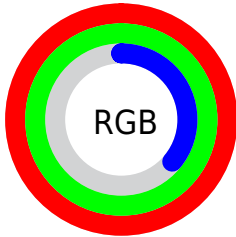
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 255, 91
Decimal	16776795
CIE Lab	97.19, -18.62, 74.86
CIE LCh	97, 77.143, 103.965
Yxy	92.8990, 0.4026, 0.4760
Android (android.graphics.Color)	4294966875 (0xFFFFFE5B)
YUV	235.7170, -71.3455, 16.9112
Hunter-Lab	96.3841, -23.1630, 52.8975

# Details

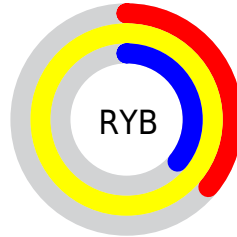
The Hex color **FFFE5B** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5B5CFF**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFF94**, and **C3C618** is the 20% darker color. If you saturate the color by 10%, you get **FFFE42**, and if you desaturate by 10%, it is **FFFE75**.

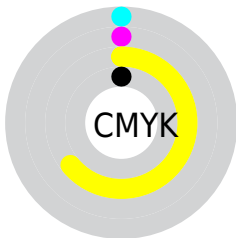
# Distribution



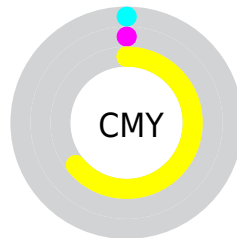
- Red (100%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFFE5B 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 FFFE5B by changing the saturation by 10% instead.



 FFFE5B

 FFFE5B

FFFFFF

 E1E13D

 FFFF94

 C3C618

 FFFF81


 A6AA00

 FFFF6E

 899000

 FFFF5B

 6D7700

 515E00

 364700

 1C3000

 001D00

 FFFE5B

 FFFE5B

 FFFE42

 FFFE75

 FFFE28

 FFFE8E

 FFFE0F

 FFEA8

 FFFD00

 FFFFC1

 FFFFDB

 FFFFF4

FFFFFF

# Harmonies

## Analogous

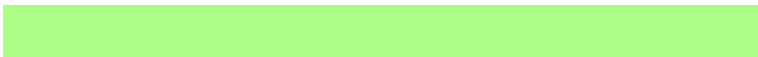
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE562



FFFE5B



ABFF86

# Triad

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



FFFE5B



00FFFF



FFBAFF

# Complementary

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



FFFE5B



5B5CFF

# 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.



FFD5FF



FFFE5B



00FFFF

# Square

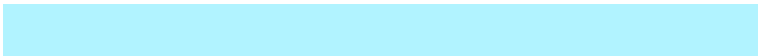
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFFE5B



00FFFF



B1F3FF



FFB5D7

# Rectangle

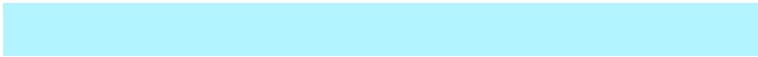
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFE5B



56FFB2



B1F3FF



FFC1FF

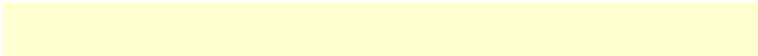


# Sweetspot

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



FFFE5B



FFFFCF



FF5B5E



807F62



000000



808080



# Same Dimension

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



FFFE5B



FFFE3B



B0FF5B



807F73



BFBE00



403F00



# Inverse Universe

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



5B5CFF



3B3CFF



AA5BFF



737380



0001BF

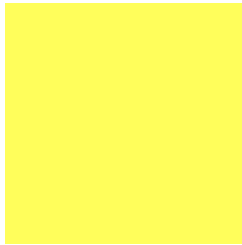


000040



# Previews

## White Background



This preview shows how the Hex color FFFE5B looks on a white background.

## Color Contrast Check

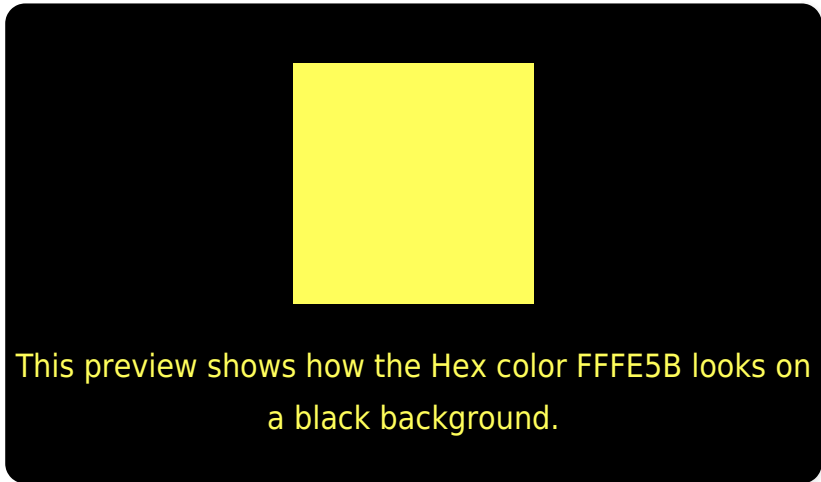
Large Text (above 18pt) WCAG AA × Fail

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 FFE5B Background



This preview shows how black text looks on a background with the Hex color FFE5B.

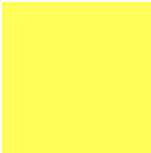
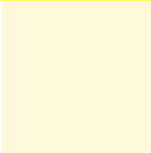
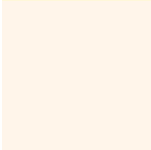


This preview shows how white text looks on a background with the Hex color FFE5B.

# 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

	<b>Original Color</b> FFFE5B
	<b>Protanopia</b> FFF7D9
	<b>Deuteranopia</b> FFF5EA



**Tritanopia**  
FFF4FA

# Trichromacy



**Original Color**  
FFFE5B



**Protanomaly**  
FFFAAB

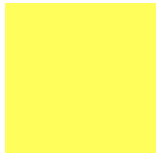


**Deuteranomaly**  
FFF8B6

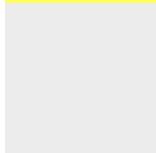


**Tritanomaly**  
FFF8C0

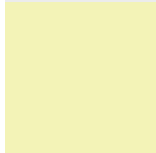
# Monochromacy



**Original Color**  
FFFE5B



**Achromatopsia**  
ECECEC



**Achromatomaly**  
F3F3B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFFE5B 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 #FFFE5B looks like.

```
.text, #text, p{  
    color:#FFFE5B  
}
```

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 #FFFE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFE5B
}
```

## Border

The CSS property to change the border of an element to Hex FFFE5B 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
#FFFE5B }
```

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

```
.border{ border-color:#FFFE5B }
```

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

Here you see how a box with a 4 pixel #FFFE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFE5B; -webkit-box-shadow:4px 4px  
4px 4px #FFFE5B; box-shadow:4px 4px 4px  
4px #FFFE5B }
```

# Background

The CSS property to change the background color of an element to Hex FFFE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE5B }
```

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

```
.background{ background-color:#FFE5B }
```

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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