

# Converting Colors

Hex(FFF65B)

Have a look what the booklet for  
Hex(FFF65B) contains.

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# Color

**Hex(FFF65B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF65B
RGB	255, 246, 91
RGB Percent	100%, 96%, 36%
CMY	0.0000, 0.0353, 0.6431
CMYK	0.00, 0.04, 0.64, 0.00
HSL	57°, 100%, 68%
HSV	57°, 64%, 100%
XYZ	76.0841, 87.9269, 22.8591
YIQ	231.0210, 55.1190, -46.2970

# Conversions

## Conversions Part 2

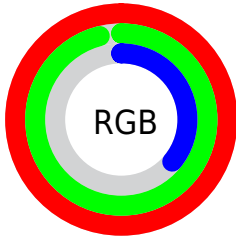
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 255, 91
Decimal	16774747
CIELab	95.13, -14.76, 72.74
CIELCh	95, 74.218, 101.468
Yxy	87.9269, 0.4071, 0.4705
Android (android.graphics.Color)	4294964827 (0xFFFFF65B)
YUV	231.0210, -69.0304, 21.0296
Hunter-Lab	93.7693, -19.2621, 51.1848

# Details

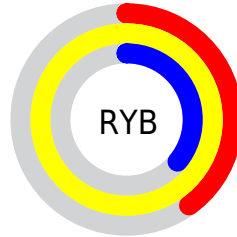
The Hex color **FFF65B** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5B64FF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFF94**, and **C3BE1A** is the 20% darker color. If you saturate the color by 10%, you get **FFF542**, and if you desaturate by 10%, it is **FFF775**.

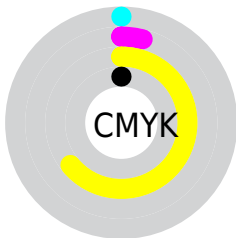
# Distribution



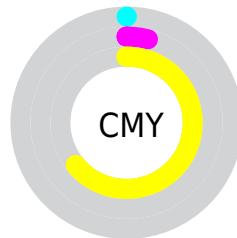
- Red (100%)
- Green (96%)
- Blue (36%)



- Red (40%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF65B 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 FFF65B by changing the saturation by 10% instead.



 FFF65B

 FFF65B

FFFFFF

 E1DA3E

 FFFF94

 C3BE1A

 FFFFB0

 A6A300

 FFFFCD

 898900

 FFFFEB

 6D7000

 515800

 364000

 1D2B00

 001800

 FFF65B

 FFF65B

 FFF542

 FFF775

 FFF328

 FFF98E

 FFF20F

 FFFAA8

 FFF100

 FFFCC1

 FFFDDB

 FFFE4

FFFFFF

# Harmonies

## Analogous

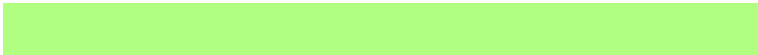
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD65



FFF65B



B0FF80

# Triad

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



FFF65B



00FFFF



FFB9FF

# Complementary

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



FFF65B



5B64FF

# 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.



FFD3FF



FFF65B



00FFFF

# Square

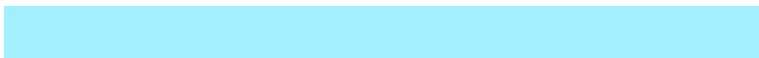
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF65B



00FFFF



A2EFFF



FFB2D8

# Rectangle

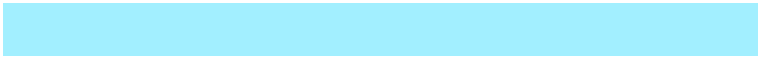
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF65B



67FFA9



A2EFFF



FFC0FF



# Sweetspot

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



FFF65B



FFFCCF



FF5B66



807E62



000000



808080



# Same Dimension

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



FFF65B



FFF43B



B8FF5B



807F73



BFB500



403C00



# Inverse Universe

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



5B64FF



3B45FF



A25BFF



737380



000ABF

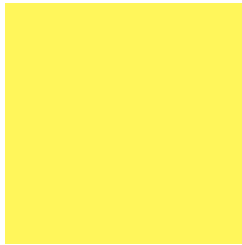


000340



# Previews

## White Background



This preview shows how the Hex color FFF65B looks on a white background.

## Color Contrast Check

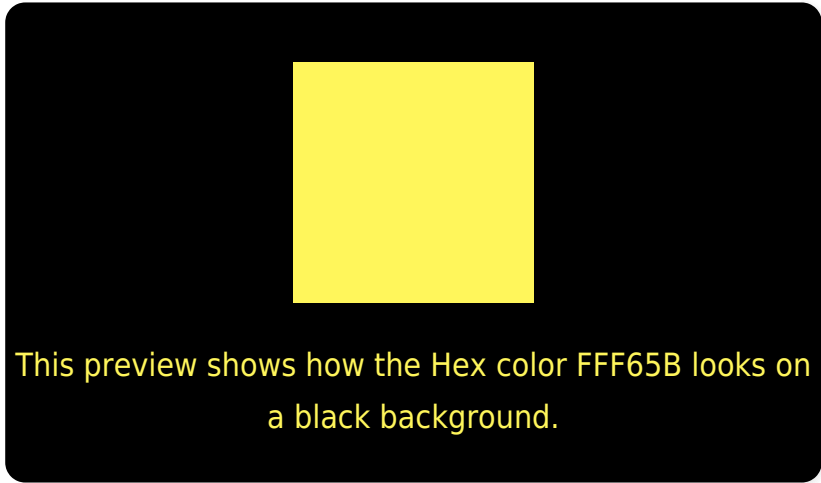
Large Text (above 18pt) WCAG AA × Fail

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 FFF65B Background



This preview shows how black text looks on a background with the Hex color FFF65B.


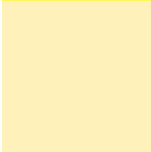
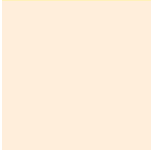


This preview shows how white text looks on a background with the Hex color FFF65B.

# 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> FFF65B
	<b>Protanopia</b> FFF1BA
	<b>Deuteranopia</b> FFEEDB



**Tritanopia**  
FFECF5

# Trichromacy



**Original Color**  
FFF65B



**Protanomaly**  
FFF397



**Deuteranomaly**  
FFF1AC

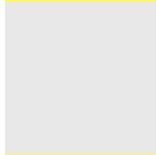


**Tritanomaly**  
FFF0BD

# Monochromacy



**Original Color**  
FFF65B



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
F0ECB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF65B 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 #FFF65B looks like.

```
.text, #text, p{  
    color:#FFF65B  
}
```

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 #FFF65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF65B
}
```

## Border

The CSS property to change the border of an element to Hex FFF65B 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
#FFF65B }
```

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

```
.border{ border-color:#FFF65B }
```

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

Here you see how a box with a 4 pixel #FFF65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF65B; -webkit-box-shadow:4px 4px  
4px 4px #FFF65B; box-shadow:4px 4px 4px  
4px #FFF65B }
```

# Background

The CSS property to change the background color of an element to Hex FFF65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF65B }
```

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

```
.background{ background-color:#FFF65B }
```

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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