

# Converting Colors

Hex(FFF659)

Have a look what the booklet for  
Hex(FFF659) contains.

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**Color**

**Hex(FFF659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF659
RGB	255, 246, 89
RGB Percent	100%, 96%, 35%
CMY	0.0000, 0.0353, 0.6510
CMYK	0.00, 0.04, 0.65, 0.00
HSL	57°, 100%, 67%
HSV	57°, 65%, 100%
XYZ	75.9989, 87.8928, 22.4106
YIQ	230.7930, 55.7610, -46.9190

# Conversions

## Conversions Part 2

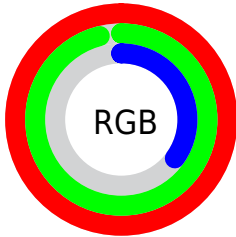
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 255, 89
Decimal	16774745
CIE <sub>Lab</sub>	95.12, -14.87, 73.49
CIE <sub>LCh</sub>	95, 74.983, 101.436
Yxy	87.8928, 0.4079, 0.4718
Android (android.graphics.Color)	4294964825 (0xFFFFFFFF659)
YUV	230.7930, -69.9039, 21.2295
Hunter-Lab	93.7512, -19.3643, 51.4529

# Details

The Hex color **FFF659** 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 **5962FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF92**, and **C3BE16** is the 20% darker color. If you saturate the color by 10%, you get **FFF540**, and if you desaturate by 10%, it is **FFF773**.

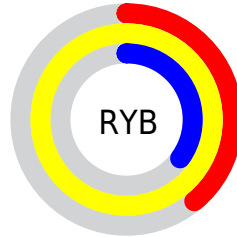
# Distribution



Red (100%)

Green (96%)

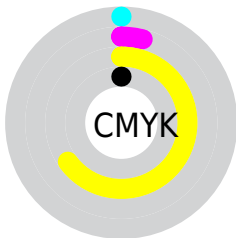
Blue (35%)



Red (39%)

Yellow (100%)

Blue (35%)

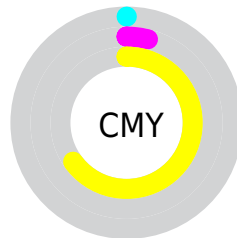


Cyan (0%)

Magenta (4%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF659 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 FFF659 by changing the saturation by 10% instead.



 FFF659

 FFF659

FFFFFF

 E1DA3B

 FFFF92

 C3BE16

 FFFF92


 A6A300

 FFFF92

 898900

 FFFF92

 6D7000

 515800

 364000

 1D2B00

 001800

 FFF659

 FFF659

 FFF540

 FFF773

 FFF326

 FFF98C

 FFF20D

 FFFAA6

 FFF100

 FFFCBF

 FFFDD9

 FFFE2

FFFFFF

# Harmonies

## Analogous

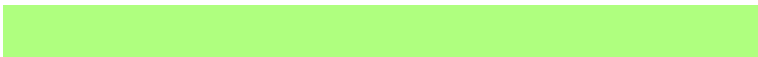
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD64



FFF659



AFFF7F

# Triad

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



FFF659



00FFFF



FFB8FF

# Complementary

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



FFF659



5962FF

# 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.



FFD2FF



FFF659



00FFFF

# Square

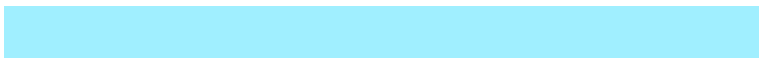
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF659



00FFFF



A0EFFF



FFB1D8

# Rectangle

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



FFF659



65FFA8



A0EFFF



FFBFFF



# Sweetspot

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



FFF659



FFFCCC



FF5964



807E61



000000



808080



# Same Dimension

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



FFF659



FFF438



B7FF59



807F73



BFB500



403C00



# Inverse Universe

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



5962FF



3843FF



A159FF



737380



000ABF

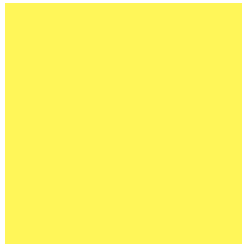


000340



# Previews

## White Background



This preview shows how the Hex color FFF659 looks on a white background.

## Color Contrast Check

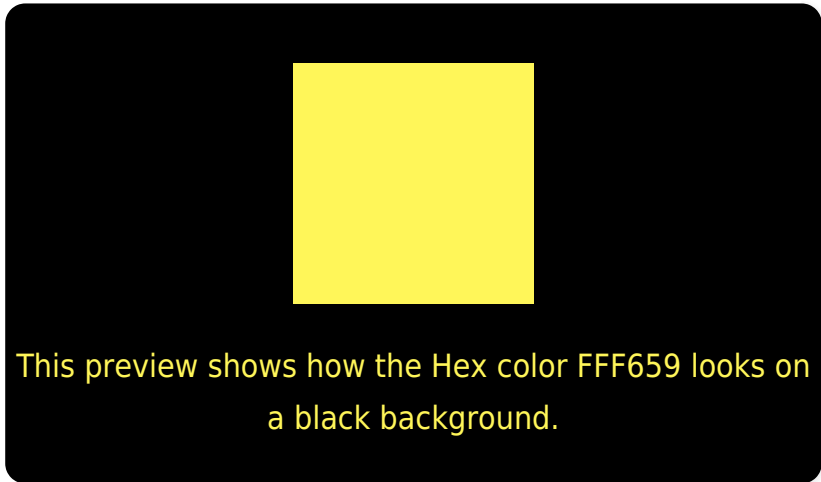
Large Text (above 18pt) WCAG AA × Fail

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 FFF659 Background



This preview shows how black text looks on a background with the Hex color FFF659.

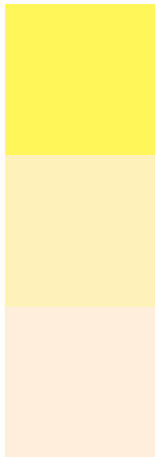


This preview shows how white text looks on a background with the Hex color FFF659.

# 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**  
FFF659

**Protanopia**  
FFF1BA

**Deuteranopia**  
FFEEDB



**Tritanopia**  
FFECF4

# Trichromacy



**Original Color**  
FFF659



**Protanomaly**  
FFF397



**Deuteranomaly**  
FFF1AC

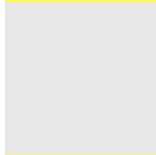


**Tritanomaly**  
FFF0BC

# Monochromacy



**Original Color**  
FFF659



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
F0ECB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF659 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 #FFF659 looks like.

```
.text, #text, p{  
    color:#FFF659  
}
```

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 #FFF659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF659
}
```

## Border

The CSS property to change the border of an element to Hex FFF659 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
#FFF659 }
```

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

```
.border{ border-color:#FFF659 }
```

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

Here you see how a box with a 4 pixel #FFF659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF659; -webkit-box-shadow:4px 4px  
4px 4px #FFF659; box-shadow:4px 4px 4px  
4px #FFF659 }
```

# Background

The CSS property to change the background color of an element to Hex FFF659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF659 }
```

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

```
.background{ background-color:#FFF659 }
```

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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