

Converting Colors

Hex(FFF63A)

Have a look what the booklet for
Hex(FFF63A) contains.

Hex(FFF63A)	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(FFF63A)

Conversions

Conversions Part 1

Format	Color
Hex	FFF63A
RGB	255, 246, 58
RGB Percent	100%, 96%, 23%
CMY	0.0000, 0.0353, 0.7725
CMYK	0.00, 0.04, 0.77, 0.00
HSL	57°, 100%, 61%
HSV	57°, 77%, 100%
XYZ	74.9595, 87.4770, 16.9370
YIQ	227.2590, 65.7120, -56.5600

Conversions

Conversions Part 2

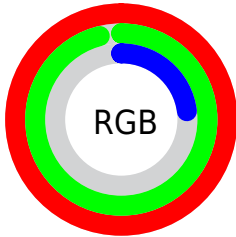
Format	Color
RYB	67, 255, 58
Decimal	16774714
CIELab	94.94, -16.24, 83.72
CIELCh	95, 85.275, 100.976
Yxy	87.4770, 0.4179, 0.4877
Android (android.graphics.Color)	4294964794 (0xFFFFF63A)
YUV	227.2590, -83.4447, 24.3289
Hunter-Lab	93.5292, -20.6161, 54.7337

Details

The Hex color **FFF63A** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3A43FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF78**, and **C2BE00** is the 20% darker color. If you saturate the color by 10%, you get **FFF520**, and if you desaturate by 10%, it is **FFF753**.

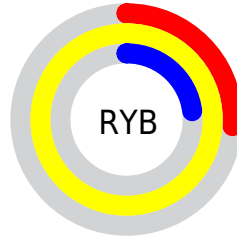
Distribution



Red (100%)

Green (96%)

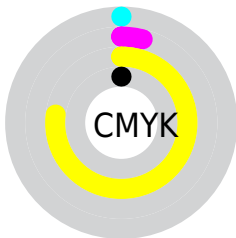
Blue (23%)



Red (26%)

Yellow (100%)

Blue (23%)

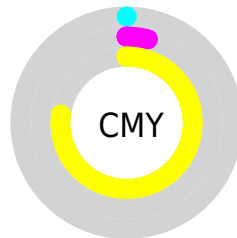


Cyan (0%)

Magenta (4%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF63A 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 FFF63A by changing the saturation by 10% instead.

 FFF63A

 FFF63A

FFFFFF

 E0DA09

 FFFF78

 C2BE00

 FFFF96

 A4A300

 FFFFB3

 878900

 FFFF00

 6B7000

 FFFFEE

 4E5800

 344100

 1A2B00

 001800

 FFF63A

 FFF63A

 FFF520

 FFF753

 FFF407

 FFF86D

 FFF300

 FFF986

 FFFBA0

 FFFCB9

 FFFDD3

 FFFEEC

FFFFFF

Harmonies

Analogous

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



FFD94C



FFF63A



A4FF6B

Triad

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



FFF63A



00FFFF



FFACFF

Complementary

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



FFF63A



3A43FF

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.



FFCDFF



FFF63A



00FFFF

Square

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



FFF63A



00FFFF



82F0FF



FFA3D5

Rectangle

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



FFF63A



3DFF9C



82F0FF



FFB6FF

Sweetspot

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



FFF63A



FFFCC4



FF3A44



807E5C



000000



808080

Same Dimension

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



FFF63A



FFF412



A6FF3A



807F73



BFB700



403D00

Inverse Universe

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



3A43FF



121DFF



933AFF



737380



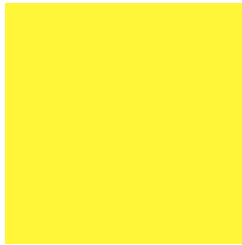
0009BF



000340

Previews

White Background



This preview shows how the Hex color FFF63A looks on a white background.

Color Contrast Check

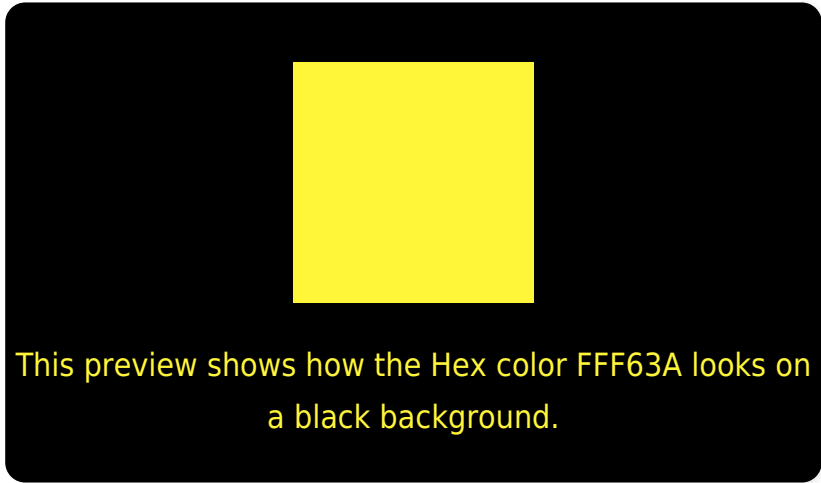
Large Text (above 18pt) WCAG AA × Fail

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 FFF63A Background



This preview shows how black text looks on a background with the Hex color FFF63A.

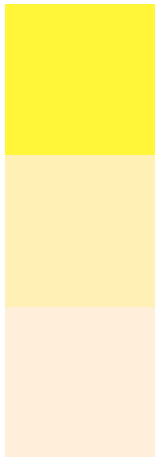


This preview shows how white text looks on a background with the Hex color FFF63A.

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
FFF63A

Protanopia
FFF1B6

Deuteranopia
FFEED9



Tritanopia
FFEBF4

Trichromacy



Original Color
FFF63A



Protanomaly
FFF389



Deuteranomaly
FFF19F

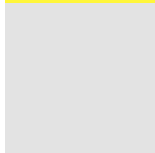


Tritanomaly
FFEFB0

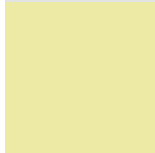
Monochromacy



Original Color
FFF63A



Achromatopsia
E3E3E3



Achromatomaly
EDEAA6

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF63A 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 #FFF63A looks like.

```
.text, #text, p{  
    color:#FFF63A  
}
```

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 #FFF63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF63A
}
```

Border

The CSS property to change the border of an element to Hex FFF63A 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
#FFF63A }
```

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

```
.border{ border-color:#FFF63A }
```

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

Here you see how a box with a 4 pixel #FFF63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF63A; -webkit-box-shadow:4px 4px  
4px 4px #FFF63A; box-shadow:4px 4px 4px  
4px #FFF63A }
```

Background

The CSS property to change the background color of an element to Hex FFF63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF63A }
```

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

```
.background{ background-color:#FFF63A }
```

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