

Converting Colors

Hex(FFC559)

Have a look what the booklet for
Hex(FFC559) contains.

Hex(FFC559)	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(FFC559)

Conversions

Conversions Part 1

Format	Color
Hex	FFC559
RGB	255, 197, 89
RGB Percent	100%, 77%, 35%
CMY	0.0000, 0.2275, 0.6510
CMYK	0.00, 0.23, 0.65, 0.00
HSL	39°, 100%, 67%
HSV	39°, 65%, 100%
XYZ	63.0094, 61.9138, 18.0808
YIQ	202.0300, 69.2360, -21.2920

Conversions

Conversions Part 2

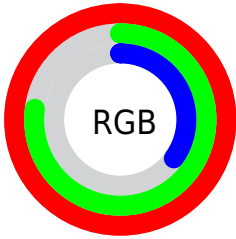
Format	Color
RYB	178, 255, 89
Decimal	16762201
CIELab	82.87, 9.82, 60.53
CIELCh	83, 61.323, 80.786
Yxy	61.9138, 0.4406, 0.4330
Android (android.graphics.Color)	4294952281 (0xFFFFC559)
YUV	202.0300, -55.7238, 46.4547
Hunter-Lab	78.6853, 5.2395, 41.4557

Details

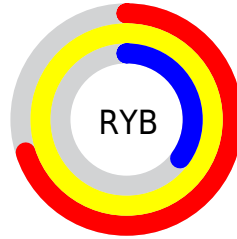
The Hex color **FFC559** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5993FF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFD8F**, and **C28F22** is the 20% darker color. If you saturate the color by 10%, you get **FFBC40**, and if you desaturate by 10%, it is **FFCE73**.

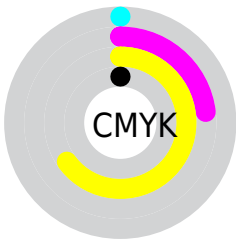
Distribution



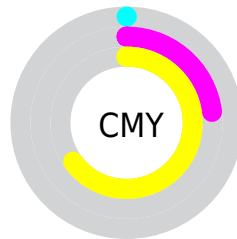
- Red (100%)
- Green (77%)
- Blue (35%)



- Red (70%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC559 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 FFC559 by changing the saturation by 10% instead.

 FFC559

 FFC559

FFFFFF

 E0AA3E

 FFFD8F

 C28F22

 FFFFAA

 A57600

 FFFFC7

 885D00

 FFFFEE3

 6C4600

 503000

 351B00

 1E0200

 000000

 FFC559

 FFC559

 FFBC40

 FFCE73

 FFB326

 FFD78C

 FFAA0D

 FFE0A6

 FFA600

 FFE9BF

 FFF2D9

 FFFAF2

FFFFFF

Harmonies

Analogous

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



FFB077



FFC559



C8D75D

Triad

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



FFC559



00EBF5



FFAFFF

Complementary

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



FFC559



5993FF

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.



B5C6FF



FFC559



00E6FF

Square

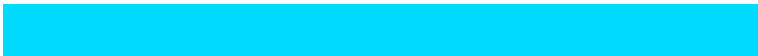
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFC559



00EABA



00DAFF



FF9FE3

Rectangle

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



FFC559



9DE073



00DAFF



EEB7FF

Sweetspot

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



FFC559



FFEDCC



FF5993



807561



000000



808080

Same Dimension

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



FFC559



FFBA38



E6FF59



807B73



BF7C00



402900

Inverse Universe

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



5993FF



387EFF



7259FF



737780



0043BF



001640

Previews

White Background



This preview shows how the Hex color FFC559 looks on a white background.

Color Contrast Check

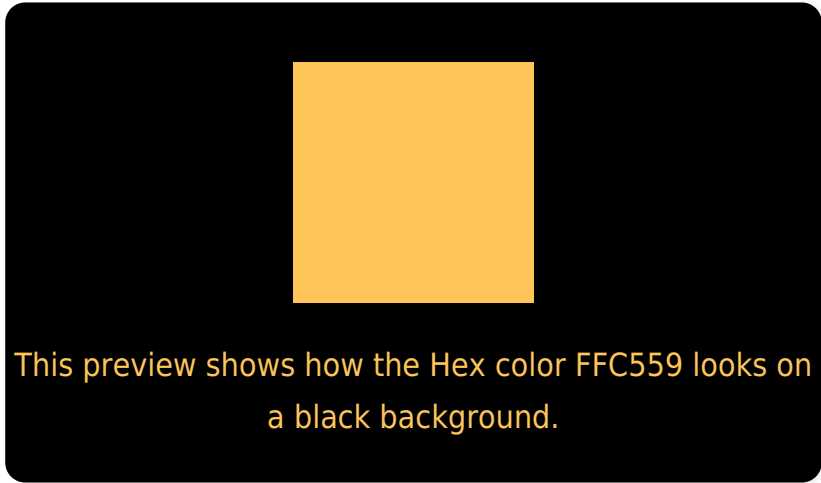
Large Text (above 18pt) WCAG AA × Fail

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 FFC559 Background



This preview shows how black text looks on a background with the Hex color FFC559.

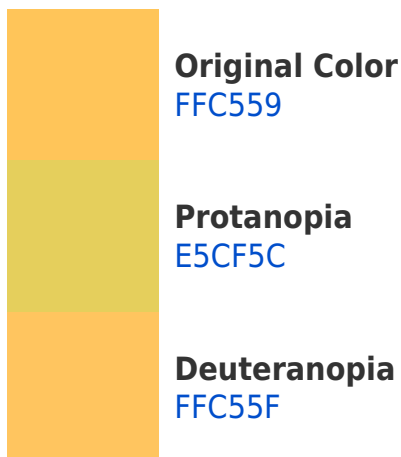


This preview shows how white text looks on a background with the Hex color FFC559.

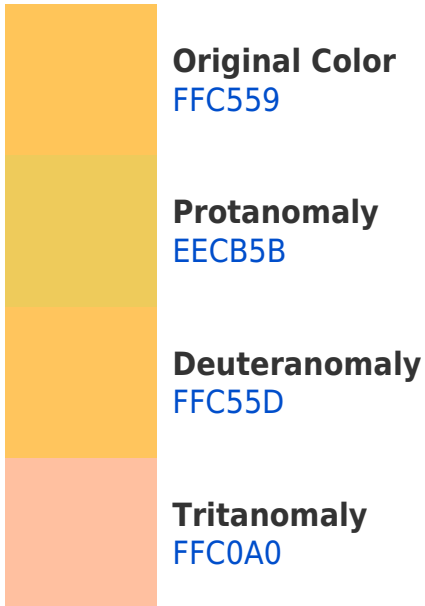
Color Blindness Simulation

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](#).

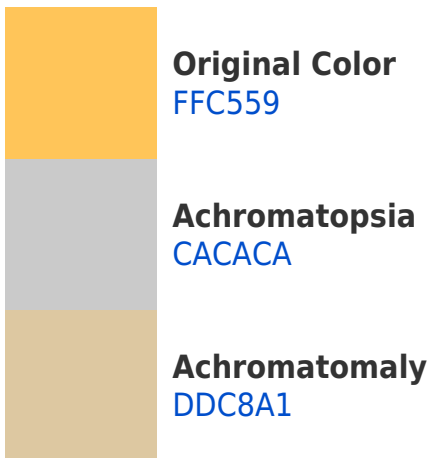
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC559 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 #FFC559 looks like.

```
.text, #text, p{  
    color:#FFC559  
}
```

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 #FFC559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC559
}
```

Border

The CSS property to change the border of an element to Hex FFC559 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
#FFC559 }
```

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

```
.border{ border-color:#FFC559 }
```

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

Here you see how a box with a 4 pixel #FFC559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC559; -webkit-box-shadow:4px 4px  
4px 4px #FFC559; box-shadow:4px 4px 4px  
4px #FFC559 }
```

Background

The CSS property to change the background color of an element to Hex FFC559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC559 }
```

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

```
.background{ background-color:#FFC559 }
```

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