

Converting Colors

Hex(FFC757)

Have a look what the booklet for
Hex(FFC757) contains.

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Color

Hex(FFC757)

Conversions

Conversions Part 1

Format	Color
Hex	FFC757
RGB	255, 199, 87
RGB Percent	100%, 78%, 34%
CMY	0.0000, 0.2196, 0.6588
CMYK	0.00, 0.22, 0.66, 0.00
HSL	40°, 100%, 67%
HSV	40°, 66%, 100%
XYZ	63.3837, 62.7950, 17.7968
YIQ	202.9760, 69.3280, -22.9600

Conversions

Conversions Part 2

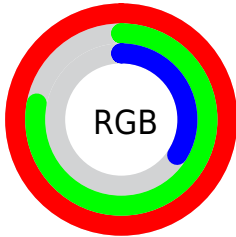
Format	Color
RYB	171, 255, 87
Decimal	16762711
CIELab	83.33, 8.67, 61.91
CIELCh	83, 62.519, 82.030
Yxy	62.7950, 0.4402, 0.4362
Android (android.graphics.Color)	4294952791 (0xFFFFC757)
YUV	202.9760, -57.1762, 45.6250
Hunter-Lab	79.2433, 4.0997, 42.1547

Details

The Hex color **FFC757** 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 **578FFF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF8D**, and **C2911F** is the 20% darker color. If you saturate the color by 10%, you get **FFBF3E**, and if you desaturate by 10%, it is **FFD071**.

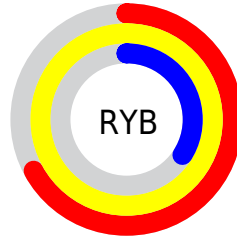
Distribution



Red (100%)

Green (78%)

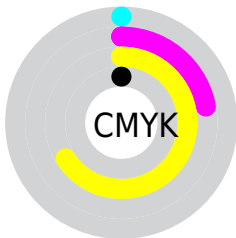
Blue (34%)



Red (67%)

Yellow (100%)

Blue (34%)

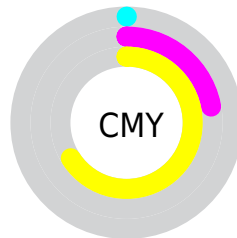


Cyan (0%)

Magenta (22%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC757 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 FFC757 by changing the saturation by 10% instead.

 FFC757

 FFC757

FFFFFF

 E0AC3C


 FFFF8D

 C2911F

 FFFFA9

 A57800

 FFFFC5

 885F00

 FFFFE2

 6C4800

 503200

 351D00

 1D0500

 000000

 FFC757

 FFC757

 FFBF3E

 FFD071

 FFB624

 FFD88A

 FFAE0B

 FFE1A4

 FFAA00

 FFE9BD

 FFF2D7

 FFFAF0

FFFFFF

Harmonies

Analogous

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



FFB174



FFC757



C7DA5D

Triad

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



FFC757



00EDFA



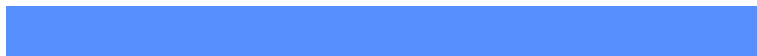
FFAFFF

Complementary

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



FFC757



578FFF

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.



B9C6FF



FFC757



00E7FF

Square

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



FFC757



00ECBD



00DBFF



FF9EE2

Rectangle

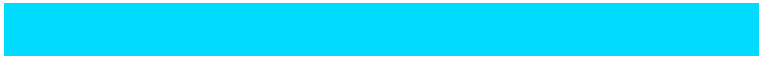
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC757



9AE274



00DBFF



F3B7FF

Sweetspot

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



FFC757



FFEECC



FF578F



807561



000000



808080

Same Dimension

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



FFC757



FFBC36



E3FF57



807B73



BF8000



402B00

Inverse Universe

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



578FFF



3679FF



7357FF



737780



0040BF



001540

Previews

White Background



This preview shows how the Hex color FFC757 looks on a white background.

Color Contrast Check

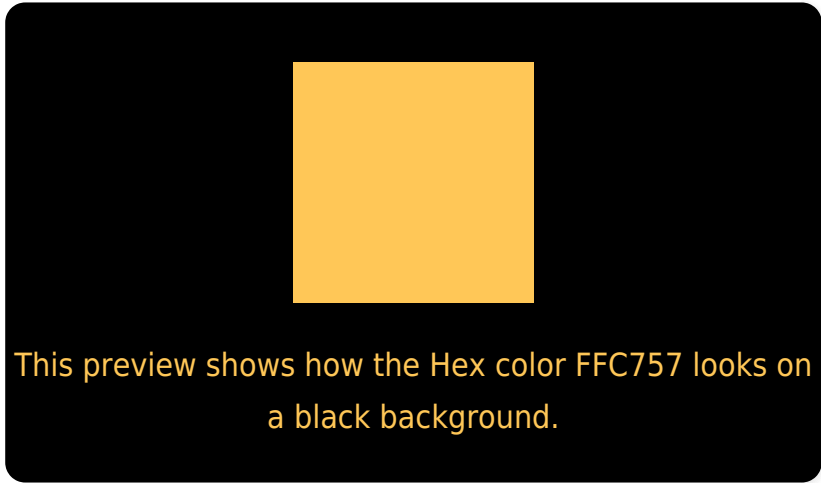
Large Text (above 18pt) WCAG AA × Fail

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 FFC757 Background



This preview shows how black text looks on a background with the Hex color FFC757.



This preview shows how white text looks on a background with the Hex color FFC757.

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

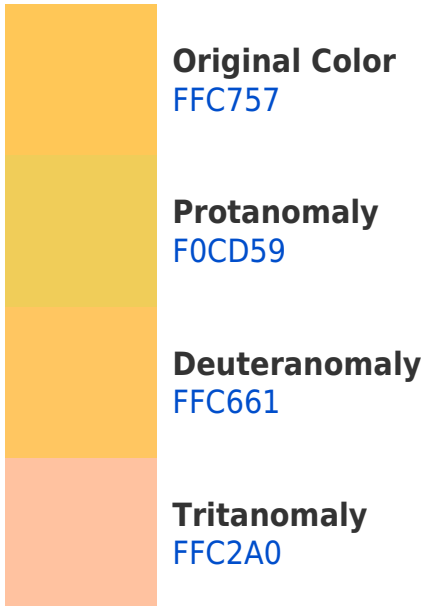


Original Color
FFC757

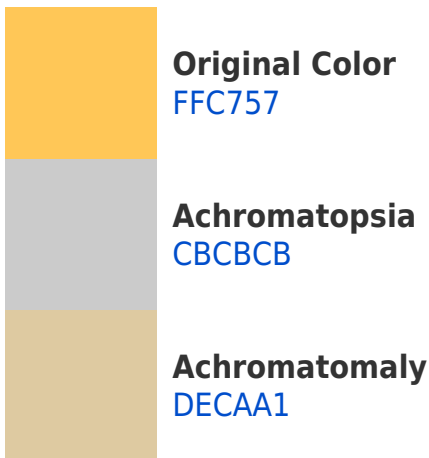
Protanopia
E7D05A

Deuteranopia
FFC666

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC757 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 #FFC757 looks like.

```
.text, #text, p{  
    color:#FFC757  
}
```

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 #FFC757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC757
}
```

Border

The CSS property to change the border of an element to Hex FFC757 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
#FFC757 }
```

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

```
.border{ border-color:#FFC757 }
```

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

Here you see how a box with a 4 pixel #FFC757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC757; -webkit-box-shadow:4px 4px  
4px 4px #FFC757; box-shadow:4px 4px 4px  
4px #FFC757 }
```

Background

The CSS property to change the background color of an element to Hex FFC757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC757 }
```

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

```
.background{ background-color:#FFC757 }
```

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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