

Converting Colors

Hex(FFC235)

Have a look what the booklet for
Hex(FFC235) contains.

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Color

Hex(FFC235)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFC235 |
| RGB | 255, 194, 53 |
| RGB Percent | 100%, 76%, 21% |
| CMY | 0.0000, 0.2392, 0.7922 |
| CMYK | 0.00, 0.24, 0.79, 0.00 |
| HSL | 42°, 100%, 60% |
| HSV | 42°, 79%, 100% |
| XYZ | 61.1744, 60.1006, 11.7445 |
| YIQ | 196.1650, 81.6170, -30.9190 |

Conversions

Conversions Part 2

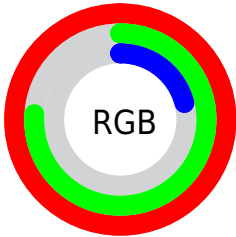
| Format | Color |
|--|---|
| RYB | 140, 255, 53 |
| Decimal | 16761397 |
| CIELab | 81.89, 9.75, 73.58 |
| CIELCh | 82, 74.220, 82.454 |
| Yxy | 60.1006, 0.4599, 0.4518 |
| Android (android.graphics.Color) | 4294951477 (0xFFFFC235) |
| YUV | 196.1650, -70.5803, 51.5983 |
| Hunter-Lab | 77.5246, 5.1857, 45.2851 |

Details

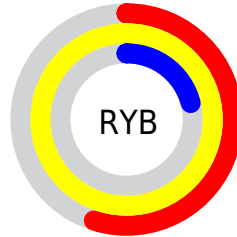
The Hex color **FFC235** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3572FF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFA6F**, and **C18D00** is the 20% darker color. If you saturate the color by 10%, you get **FFBA1B**, and if you desaturate by 10%, it is **FFCA4F**.

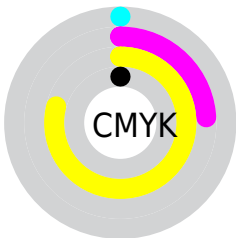
Distribution



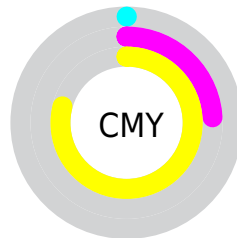
- Red (100%)
- Green (76%)
- Blue (21%)



- Red (55%)
- Yellow (100%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC235 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 FFC235 by changing the saturation by 10% instead.

 FFC235

 FFC235

FFFFFF

 E0A70E

 FFFA6F

 C18D00

 FFFF8B

 A37300

 FFFFA7

 865B00

 FFFF84

 694400

 FFFFE1

 4D2E00

 331900

 1B0000

 000000

 FFC235

 FFC235

 FFBA1B

 FFCA4F

 FFB302

 FFD168

 FFB200

 FFD982

 FFE19B

 FFE9B4

 FFF0CE

 FFF8E8

FFFFFF

Harmonies

Analogous

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



FFA65E



FFC235



BDD83E

Triad

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



FFC235



00EDFF



FFA3FF

Complementary

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



FFC235



3572FF

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.



ADC1FF



FFC235



00E7FF

Square

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



FFC235



00ECB7



00D9FF



FF8CE0

Rectangle

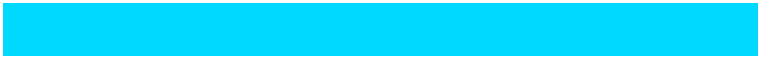
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC235



87E25E



00D9FF



F5ADFF

Sweetspot

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



FFC235



FFEDC2



FF3575



80745B



000000



808080

Same Dimension

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



FFC235



FFB60D



DAFF35



807C73



BF8500



402C00

Inverse Universe

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



3572FF



0D56FF



5A35FF



737780



003ABF



001340

Previews

White Background



This preview shows how the Hex color FFC235 looks on a white background.

Color Contrast Check

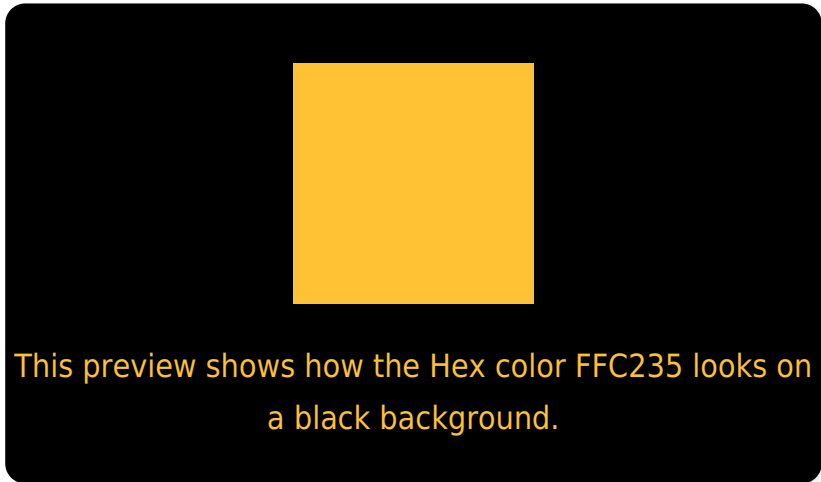
Large Text (above 18pt) WCAG AA × Fail

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 FFC235 Background



This preview shows how black text looks on a background with the Hex color FFC235.



This preview shows how white text looks on a background with the Hex color FFC235.

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
FFC235

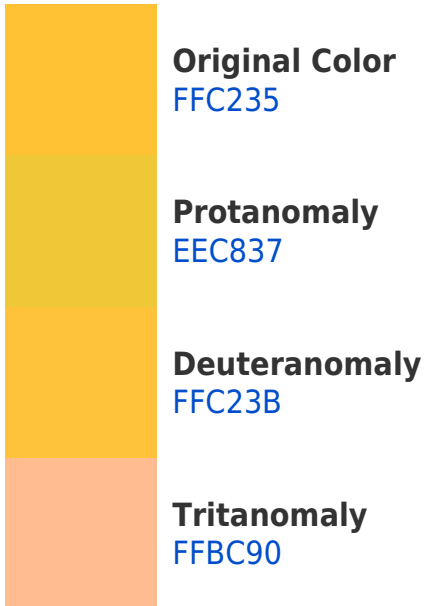
Protanopia
E5CC38

Deuteranopia
FFC23F

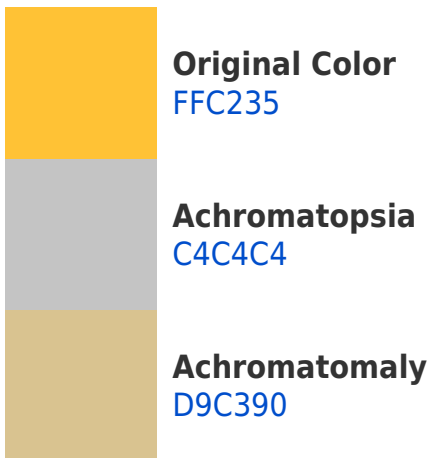


Tritanopia
FFB9C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC235 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 #FFC235 looks like.

```
.text, #text, p{  
    color:#FFC235  
}
```

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 #FFC235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC235
}
```

Border

The CSS property to change the border of an element to Hex FFC235 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
#FFC235 }
```

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

```
.border{ border-color:#FFC235 }
```

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

Here you see how a box with a 4 pixel #FFC235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC235; -webkit-box-shadow:4px 4px  
4px 4px #FFC235; box-shadow:4px 4px 4px  
4px #FFC235 }
```

Background

The CSS property to change the background color of an element to Hex FFC235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC235 }
```

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

```
.background{ background-color:#FFC235 }
```

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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