

Converting Colors

Hex(F2C342)

Have a look what the booklet for
Hex(F2C342) contains.

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Color

Hex(F2C342)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F2C342 |
| RGB | 242, 195, 66 |
| RGB Percent | 95%, 76%, 26% |
| CMY | 0.0510, 0.2353, 0.7412 |
| CMYK | 0.00, 0.19, 0.73, 0.05 |
| HSL | 44°, 87%, 60% |
| HSV | 44°, 73%, 95% |
| XYZ | 57.1164, 58.3008, 13.3971 |
| YIQ | 194.3470, 69.4210, -30.1550 |

Conversions

Conversions Part 2

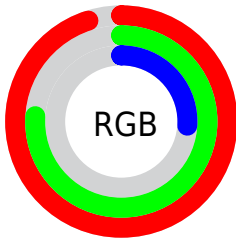
| Format | Color |
|-------------------------------------|--|
| RYB | 130, 242, 66 |
| Decimal | 15909698 |
| CIELab | 80.91, 4.24, 67.60 |
| CIElCh | 81, 67.737, 86.414 |
| Yxy | 58.3008, 0.4434, 0.4526 |
| Android (android.graphics.Color) | 4294099778 (0xFFFF2C342) |
| YUV | 194.3470, -63.2751, 41.7917 |
| Hunter-Lab | 76.3550, -0.0964, 43.0456 |

Details

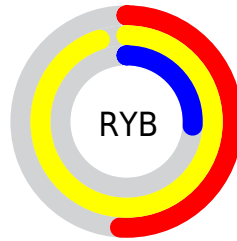
The Hex color **F2C342** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4271F2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFB79**, and **B68E00** is the 20% darker color. If you saturate the color by 10%, you get **F2BD2A**, and if you desaturate by 10%, it is **F2C95A**.

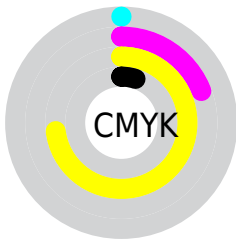
Distribution



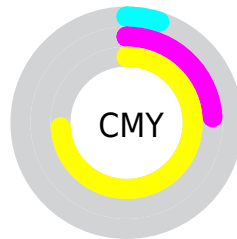
- Red (95%)
- Green (76%)
- Blue (26%)



- Red (51%)
- Yellow (95%)
- Blue (26%)



- Cyan (0%)
- Magenta (19%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2C342 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 F2C342 by changing the saturation by 10% instead.

 F2C342

 F2C342

FFFFFF

 D4A824

 FFFB79

 B68E00

 FFFF95

 987400

 FFFFB1

 7C5C00

 FFFFCE

 5F4500

 FFFFEB

 442F00

 2A1A00

 0F0000

 000000

 F2C342

 F2C342

 F2BD2A

 F2C95A

 F2B612

 F2D072

 F2B100

 F2D68B

 F2DDA3

 F2E3BB

 F2EAD3

 F2F0EB

 F2F7FF

 F2FDFF

Harmonies

Analogous

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



FFAB60



F2C342



B4D64F

Triad

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



F2C342



00E7FF



FFA1FF

Complementary

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



F2C342



4271F2

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.



`BEBBFF`



`F2C342`



`00E1FF`

Square

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



F2C342



00E7BF



00D2FF



FF90D3

Rectangle

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



F2C342



81DF6D



00D2FF



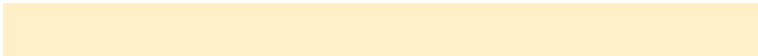
F9AAFF

Sweetspot

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



F2C342



FFF0C7



F24274



80775E



000000



808080

Same Dimension

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



F2C342



FFC421



CCF242



78756C



B88700



382900

Inverse Universe

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



4271F2



215CFF



6842F2



6C6F78



0031B8



000F38

Previews

White Background



This preview shows how the Hex color F2C342 looks on a white background.

Color Contrast Check

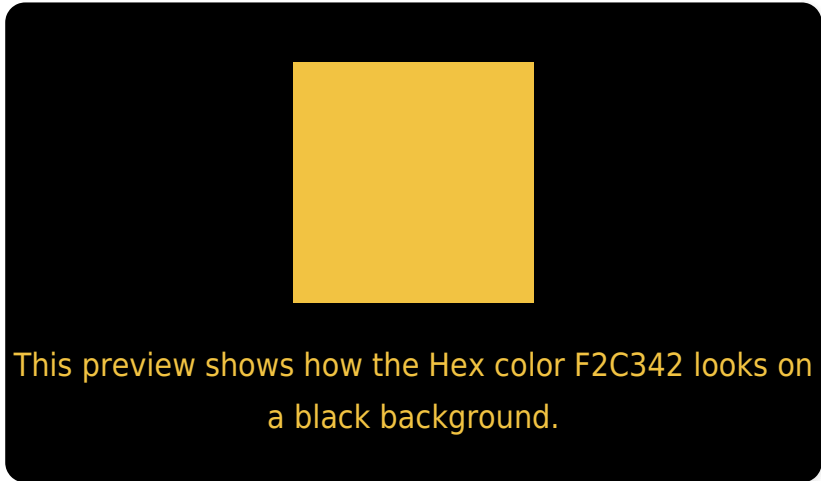
Large Text (above 18pt) WCAG AA × Fail

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 F2C342 Background



This preview shows how black text looks on a background with the Hex color F2C342.



This preview shows how white text looks on a background with the Hex color F2C342.

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
F2C342

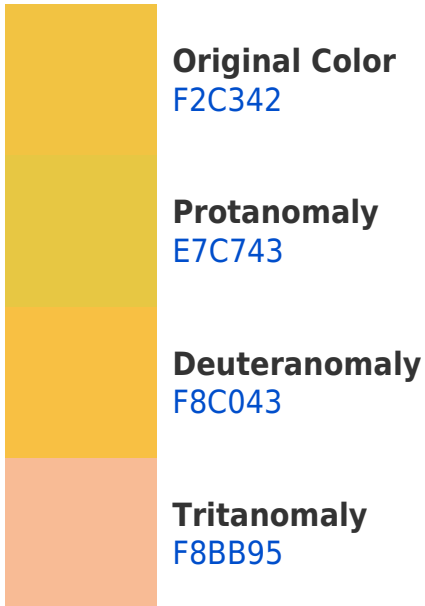
Protanopia
E1C944

Deuteranopia
FBBF43

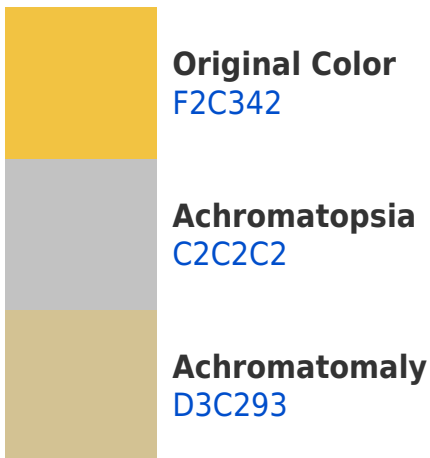


Tritanopia
FBB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2C342 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 #F2C342 looks like.

```
.text, #text, p{  
    color:#F2C342  
}
```

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 #F2C342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2C342
}
```

Border

The CSS property to change the border of an element to Hex F2C342 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
#F2C342 }
```

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

```
.border{ border-color:#F2C342 }
```

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

Here you see how a box with a 4 pixel #F2C342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2C342; -webkit-box-shadow:4px 4px  
4px 4px #F2C342; box-shadow:4px 4px 4px  
4px #F2C342 }
```

Background

The CSS property to change the background color of an element to Hex F2C342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2C342 }
```

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

```
.background{ background-color:#F2C342 }
```

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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