

Converting Colors

Hex(F5D02A)

Have a look what the booklet for
Hex(F5D02A) contains.

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Color

Hex(F5D02A)

Conversions

Conversions Part 1

Format	Color
Hex	F5D02A
RGB	245, 208, 42
RGB Percent	96%, 82%, 16%
CMY	0.0392, 0.1843, 0.8353
CMYK	0.00, 0.15, 0.83, 0.04
HSL	49°, 91%, 56%
HSV	49°, 83%, 96%
XYZ	60.6300, 64.6914, 11.4816
YIQ	200.1390, 75.3380, -43.7820

Conversions

Conversions Part 2

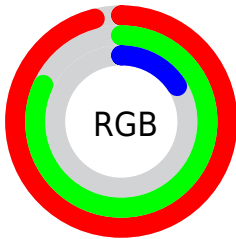
Format	Color
RYB	87, 245, 42
Decimal	16109610
CIELab	84.32, -2.02, 78.48
CIELCh	84, 78.511, 91.474
Yxy	64.6914, 0.4432, 0.4729
Android (android.graphics.Color)	4294299690 (0xFFFF5D02A)
YUV	200.1390, -77.9625, 39.3431
Hunter-Lab	80.4310, -6.1984, 47.8379

Details

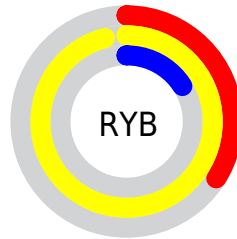
The Hex color **F5D02A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2A4FF5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF68**, and **B89A00** is the 20% darker color. If you saturate the color by 10%, you get **F5CC11**, and if you desaturate by 10%, it is **F5D442**.

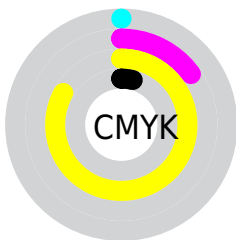
Distribution



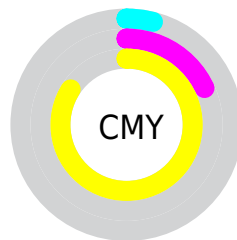
- Red (96%)
- Green (82%)
- Blue (16%)



- Red (34%)
- Yellow (96%)
- Blue (16%)



- Cyan (0%)
- Magenta (15%)
- Yellow (83%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5D02A 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 F5D02A by changing the saturation by 10% instead.

 F5D02A

 F5D02A

FFFFFF

 D6B500

 FFFF68

 B89A00

 FFFF85

 9A8000

 FFFFA2

 7E6800

 FFFFBF


 615000

 FFFFDC

 453900

 FFFFFA

 2C2400

 111000

 000000

 F5D02A

 F5D02A

 F5CC11

 F5D442

 F5C800

 F5D95B

 F5DD74

 F5E28C

 F5E6A4

 F5EBBD

 F5EFD6

 F5F4EE

 F5F8FF

Harmonies

Analogous

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



FFB44D



F5D02A



AAE448

Triad

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



F5D02A



00F5FF



FF9DFF

Complementary

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



F5D02A



2A4FF5

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.



D7BDFE



F5D02A



00ECFF

Square

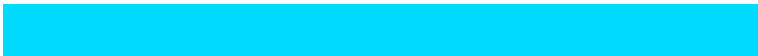
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5D02A



00F5D4



00DAFF



FF8BD2

Rectangle

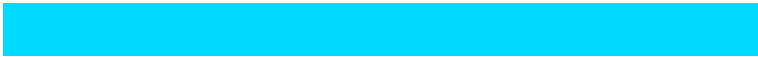
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5D02A



67ED71



00DAFF



FFA7FF

Sweetspot

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



F5D02A



FFF3BF



F52A4F



807959



000000



808080

Same Dimension

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



F5D02A



FFD103



B5F52A



7A786E



BA9800



3B3000

Inverse Universe

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



2A4FF5



0331FF



6A2AF5



6E707A



0022BA



000B3B

Previews

White Background



This preview shows how the Hex color F5D02A looks on a white background.

Color Contrast Check

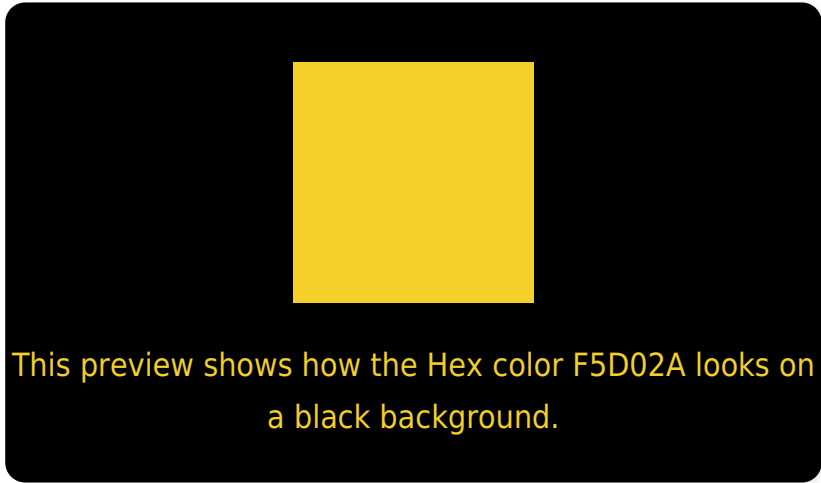
Large Text (above 18pt) WCAG AA × Fail

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 F5D02A Background



This preview shows how black text looks on a background with the Hex color F5D02A.

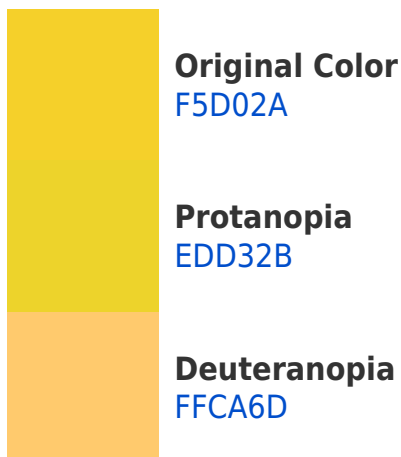


This preview shows how white text looks on a background with the Hex color F5D02A.

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](#).

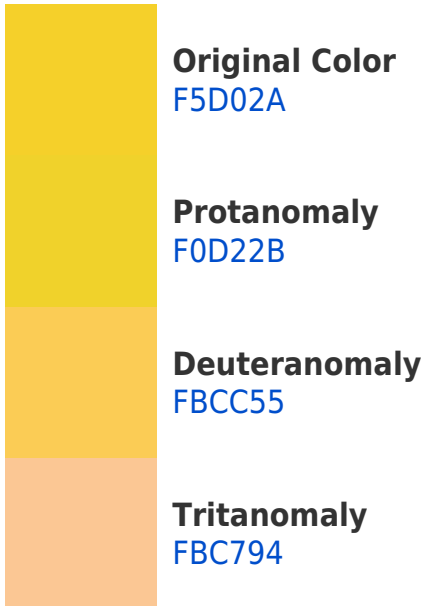
Dichromacy





Tritanopia
FFC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5D02A 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 #F5D02A looks like.

```
.text, #text, p{  
    color:#F5D02A  
}
```

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 #F5D02A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5D02A
}
```

Border

The CSS property to change the border of an element to Hex F5D02A 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
#F5D02A }
```

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

```
.border{ border-color:#F5D02A }
```

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

Here you see how a box with a 4 pixel #F5D02A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5D02A; -webkit-box-shadow:4px 4px  
4px 4px #F5D02A; box-shadow:4px 4px 4px  
4px #F5D02A }
```

Background

The CSS property to change the background color of an element to Hex F5D02A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5D02A }
```

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

```
.background{ background-color:#F5D02A }
```

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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