

Converting Colors

Hex(F5D400)

Have a look what the booklet for
Hex(F5D400) contains.

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Color

Hex(F5D400)

Conversions

Conversions Part 1

Format	Color
Hex	F5D400
RGB	245, 212, 0
RGB Percent	96%, 83%, 0%
CMY	0.0392, 0.1686, 1.0000
CMYK	0.00, 0.13, 1.00, 0.04
HSL	52°, 100%, 48%
HSV	52°, 100%, 96%
XYZ	61.1997, 66.4994, 9.6101
YIQ	197.6990, 87.7200, -58.9360

Conversions

Conversions Part 2

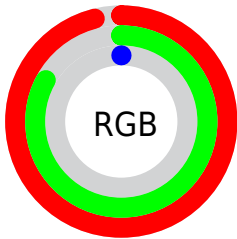
Format	Color
R _Y B	38, 245, 0
Decimal	16110592
CIE Lab	85.25, -4.67, 85.52
CIE LCh	85, 85.650, 93.123
Yxy	66.4994, 0.4457, 0.4843
Android (android.graphics.Color)	4294300672 (0xFFFF5D400)
YUV	197.6990, -97.4656, 41.4830
Hunter-Lab	81.5472, -8.7466, 50.0959

Details

The Hex color **F5D400** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0021F5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF58**, and **B89E00** is the 20% darker color. If you saturate the color by 10%, you get **F5D400**, and if you desaturate by 10%, it is **F5D718**.

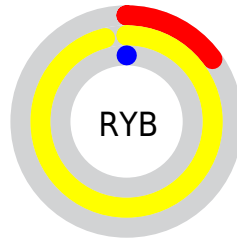
Distribution



Red (96%)

Green (83%)

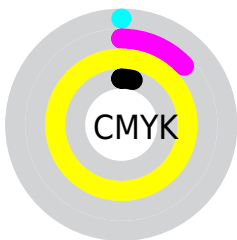
Blue (0%)



Red (15%)

Yellow (96%)

Blue (0%)

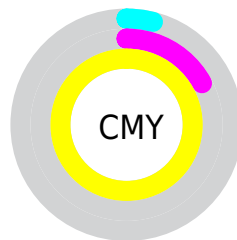


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5D400 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 F5D400 by changing the saturation by 10% instead.

 F5D400

 F5D400

FFFFFF

 D6B900

 FFFF58

 B89E00

 FFFF76

 9A8400

 FFFF93

 7D6B00

 FFFFB1

 605300

 FFFFCE

 453D00

 FFFFEC

 2B2700

 101300

 000000

 F5D400

 F5D718

 F5DB31

 F5DE4A

 F5E162

 F5E57B

 F5E893

 F5EBAB

 F5EEC4

 F5F2DD

Harmonies

Analogous

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



FFB53C



F5D400



A2E93C

Triad

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



F5D400



00F9FF



FF97FF

Complementary

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



F5D400



0021F5

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.



E0BCFF



F5D400



00F0FF

Square

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



F5D400



00FBDB



00DCFF



FF83D0

Rectangle

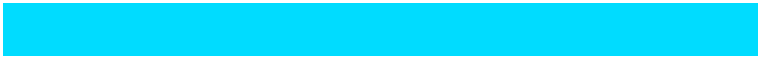
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5D400



4FF26D



00DCFF



FFA3FF

Sweetspot

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



F5D400



FFF5B3



F50025



807952



000000



808080

Same Dimension

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



F5D400



FFDD00



9FF500



7A796E



BAA100



3B3300

Inverse Universe

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



0021F5



0022FF



5600F5



6E707A



0019BA



00083B

Previews

White Background



This preview shows how the Hex color F5D400 looks on a white background.

Color Contrast Check

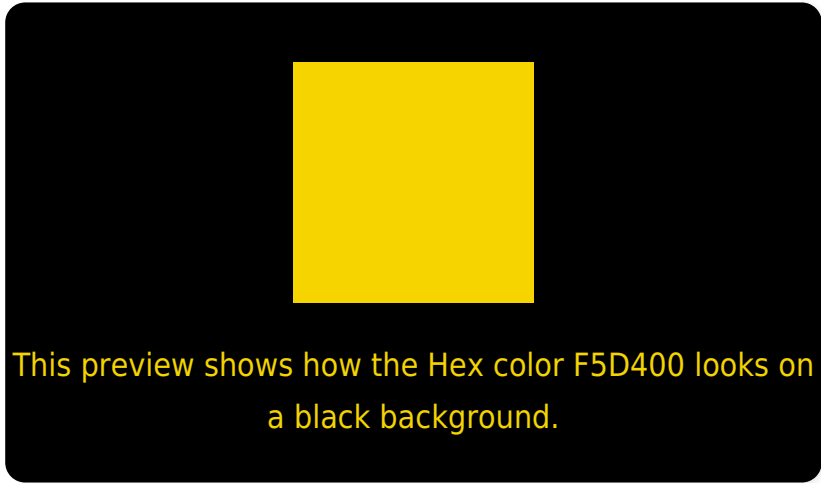
Large Text (above 18pt) WCAG AA × Fail

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 F5D400 Background



This preview shows how black text looks on a background with the Hex color F5D400.

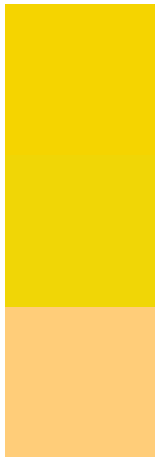


This preview shows how white text looks on a background with the Hex color F5D400.

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
F5D400

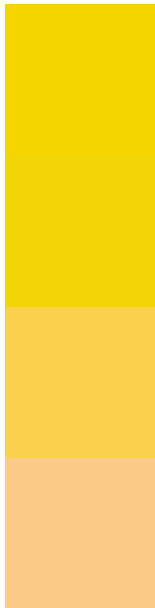
Protanopia
F0D606

Deuteranopia
FFCD79



Tritanopia
FFC6D4

Trichromacy



Original Color
F5D400

Protanomaly
F2D504

Deuteranomaly
FBD04D

Tritanomaly
FBCB87

Monochromacy



Original Color
F5D400

Achromatopsia
C6C6C6

Achromatomaly
D7CB7E

CSS Examples

Text

The CSS property to change the color of the text to Hex F5D400 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 #F5D400 looks like.

```
.text, #text, p{  
    color:#F5D400  
}
```

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 #F5D400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5D400
}
```

Border

The CSS property to change the border of an element to Hex F5D400 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
#F5D400 }
```

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

```
.border{ border-color:#F5D400 }
```

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

Here you see how a box with a 4 pixel #F5D400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5D400; -webkit-box-shadow:4px 4px  
4px 4px #F5D400; box-shadow:4px 4px 4px  
4px #F5D400 }
```

Background

The CSS property to change the background color of an element to Hex F5D400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5D400 }
```

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

```
.background{ background-color:#F5D400 }
```

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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