

Converting Colors

Hex(F6DB06)

Have a look what the booklet for
Hex(F6DB06) contains.

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Color

Hex(F6DB06)

Conversions

Conversions Part 1

Format	Color
Hex	F6DB06
RGB	246, 219, 6
RGB Percent	96%, 86%, 2%
CMY	0.0353, 0.1412, 0.9765
CMYK	0.00, 0.11, 0.98, 0.04
HSL	53°, 95%, 49%
HSV	53°, 98%, 96%
XYZ	63.3704, 70.2690, 10.3956
YIQ	202.7910, 84.4650, -60.5190

Conversions

Conversions Part 2

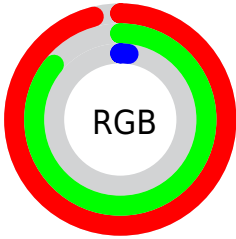
Format	Color
R _Y B	36, 246, 6
Decimal	16177926
CIE Lab	87.13, -7.72, 86.40
CIE LCh	87, 86.742, 95.104
Yxy	70.2690, 0.4400, 0.4879
Android (android.graphics.Color)	4294368006 (0xFFFF6DB06)
YUV	202.7910, -97.0180, 37.8943
Hunter-Lab	83.8266, -11.7559, 51.3259

Details

The Hex color **F6DB06** 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 **0621F6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF5B**, and **B9A500** is the 20% darker color. If you saturate the color by 10%, you get **F6DA00**, and if you desaturate by 10%, it is **F6DE1F**.

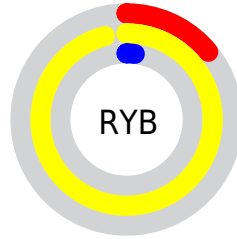
Distribution



Red (96%)

Green (86%)

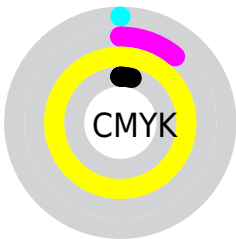
Blue (2%)



Red (14%)

Yellow (96%)

Blue (2%)

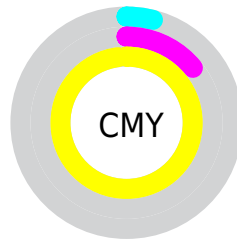


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6DB06 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 F6DB06 by changing the saturation by 10% instead.

 F6DB06

 F6DB06

FFFFFF

 D7BF00

 FFFF5B

 B9A500

 FFFF79

 9B8A00

 FFFF96

 7E7100

 FFFFB4

 615900

 FFFFD1

 464200

 FFFFEF

 2C2C00

 121800

 000000

 F6DB06

 F6DB06

 F6DA00

 F6DE1F

 F6E137

 F6E350

 F6E668

 F6E981

 F6EC9A

 F6EEB2

 F6F1CB

 F6F4E3

Harmonies

Analogous

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



FFBC3B



F6DB06



A0F044

Triad

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



F6DB06



00FFFF



FF99FF

Complementary

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



F6DB06



0621F6

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.



EEBEFF



F6DB06



00F5FF

Square

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



F6DB06



00FFE6



00DFFF



FF87D0

Rectangle

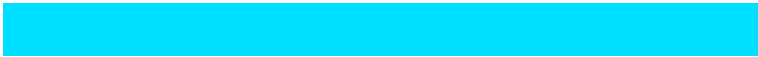
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6DB06



45F976



00DFFF



FFA5FF

Sweetspot

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



F6DB06



FFF7B5



F60622



807A53



000000



808080

Same Dimension

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



F6DB06



FFE200



9AF606



7A796E



BAA500



3B3400

Inverse Universe

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



0621F6



001DFF



6206F6



6E707A



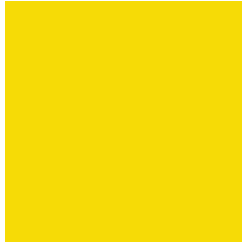
0015BA



00073B

Previews

White Background



This preview shows how the Hex color F6DB06 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



This preview shows how the Hex color F6DB06 looks on a 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 F6DB06 Background



This preview shows how black text looks on a background with the Hex color F6DB06.

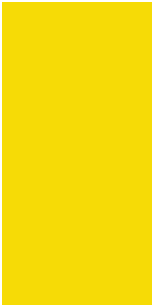




This preview shows how white text looks on a background with the Hex color F6DB06.

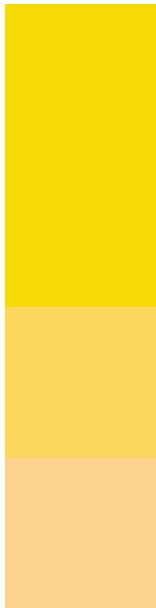
Color Blindness Simulation

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 F6DB06
	Protanopia F6DB06
	Deuteranopia FFD490

Trichromacy



Original Color
F6DB06

Protanomaly
F6DB06

Deuteranomaly
FCD75E

Tritanomaly
FCD28E

Monochromacy



Original Color
F6DB06

Achromatopsia
CBCBCB

Achromatomaly
DBD183

CSS Examples

Text

The CSS property to change the color of the text to Hex F6DB06 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 #F6DB06 looks like.

```
.text, #text, p{  
    color:#F6DB06  
}
```

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 #F6DB06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6DB06
}
```

Border

The CSS property to change the border of an element to Hex F6DB06 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
#F6DB06 }
```

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

```
.border{ border-color:#F6DB06 }
```

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

Here you see how a box with a 4 pixel #F6DB06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6DB06; -webkit-box-shadow:4px 4px  
4px 4px #F6DB06; box-shadow:4px 4px 4px  
4px #F6DB06 }
```

Background

The CSS property to change the background color of an element to Hex F6DB06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6DB06 }
```

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

```
.background{ background-color:#F6DB06 }
```

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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