

Converting Colors

Hex(F6D81C)

Have a look what the booklet for
Hex(F6D81C) contains.

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Color

Hex(F6D81C)

Conversions

Conversions Part 1

Format	Color
Hex	F6D81C
RGB	246, 216, 28
RGB Percent	96%, 85%, 11%
CMY	0.0353, 0.1529, 0.8902
CMYK	0.00, 0.12, 0.89, 0.04
HSL	52°, 92%, 54%
HSV	52°, 89%, 96%
XYZ	62.7715, 68.7884, 11.0677
YIQ	203.5380, 78.2280, -52.1080

Conversions

Conversions Part 2

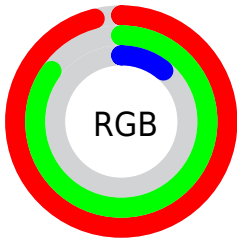
Format	Color
RYB	63, 246, 28
Decimal	16177180
CIELab	86.40, -5.95, 83.21
CIELCh	86, 83.424, 94.092
Yxy	68.7884, 0.4401, 0.4823
Android (android.graphics.Color)	4294367260 (0xFFFF6D81C)
YUV	203.5380, -86.5402, 37.2392
Hunter-Lab	82.9388, -10.0467, 50.1452

Details

The Hex color **F6D81C** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1C3AF6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF62**, and **B9A200** is the 20% darker color. If you saturate the color by 10%, you get **F6D503**, and if you desaturate by 10%, it is **F6DB35**.

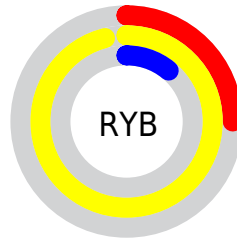
Distribution



Red (96%)

Green (85%)

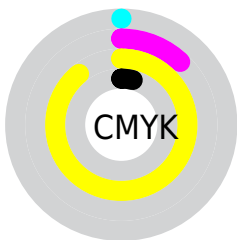
Blue (11%)



Red (25%)

Yellow (96%)

Blue (11%)

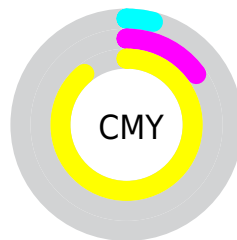


Cyan (0%)

Magenta (12%)

Yellow (89%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6D81C 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 F6D81C by changing the saturation by 10% instead.

 F6D81C

 F6D81C

FFFFFF

 D7BC00

 FFFF62

 B9A200

 FFFF7F

 9B8800

 FFFF9C

 7E6F00

 FFFFB9

 615700

 FFFFD7

 464000

 FFFFF5

 2C2A00

 121600

 000000

 F6D81C

 F6D81C

 F6D503

 F6DB35

 F6D400

 F6DF4D

 F6E266

 F6E67E

 F6E997

 F6ECB0

 F6F0C8

 F6F3E1

 F6F6F9

Harmonies

Analogous

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



FFBA43



F6D81C



A4ED48

Triad

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



F6D81C



00FCFF



FF9CFF

Complementary

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



F6D81C



1C3AF6

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.



E7BEFF



F6D81C



00F2FF

Square

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



F6D81C



00FDE1



00DEFF



FF8AD1

Rectangle

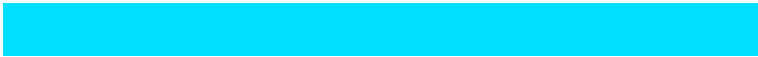
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6D81C



54F576



00DEFF



FFA6FF

Sweetspot

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



F6D81C



FFF6BA



F61C3D



807A57



000000



808080

Same Dimension

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



F6D81C



FFDC00



AAF61C



7A796E



BAA100



3B3300

Inverse Universe

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



1C3AF6



0023FF



681CF6



6E707A



001ABA



00083B

Previews

White Background



This preview shows how the Hex color F6D81C looks on a white background.

Color Contrast Check

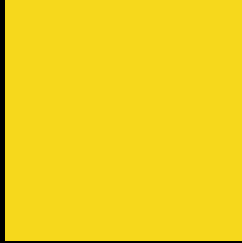
Large Text (above 18pt) WCAG AA × Fail

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 F6D81C 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 F6D81C Background



This preview shows how black text looks on a background with the Hex color F6D81C.



This preview shows how white text looks on a background with the Hex color F6D81C.

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
F6D81C

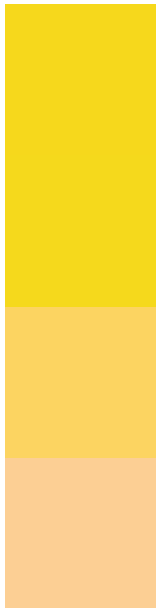
Protanopia
F4D91C

Deuteranopia
FFD188



Tritanopia
FFCAD8

Trichromacy



Original Color
F6D81C

Protanomaly
F5D91C

Deuteranomaly
FCD461

Tritanomaly
FCCF94

Monochromacy



Original Color
F6D81C

Achromatopsia
CCCCCC

Achromatomaly
DBD08C

CSS Examples

Text

The CSS property to change the color of the text to Hex F6D81C 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 #F6D81C looks like.

```
.text, #text, p{  
    color:#F6D81C  
}
```

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 #F6D81C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6D81C
}
```

Border

The CSS property to change the border of an element to Hex F6D81C 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
#F6D81C }
```

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

```
.border{ border-color:#F6D81C }
```

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

Here you see how a box with a 4 pixel #F6D81C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6D81C; -webkit-box-shadow:4px 4px  
4px 4px #F6D81C; box-shadow:4px 4px 4px  
4px #F6D81C }
```

Background

The CSS property to change the background color of an element to Hex F6D81C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6D81C }
```

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

```
.background{ background-color:#F6D81C }
```

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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