

Converting Colors

Hex(FFD018)

Have a look what the booklet for
Hex(FFD018) contains.

Hex(FFD018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFD018)

Conversions

Conversions Part 1

Format	Color
Hex	FFD018
RGB	255, 208, 24
RGB Percent	100%, 82%, 9%
CMY	0.0000, 0.1843, 0.9059
CMYK	0.00, 0.18, 0.91, 0.00
HSL	48°, 100%, 55%
HSV	48°, 91%, 100%
XYZ	63.9607, 66.4377, 10.3168
YIQ	201.0770, 87.0760, -47.2600

Conversions

Conversions Part 2

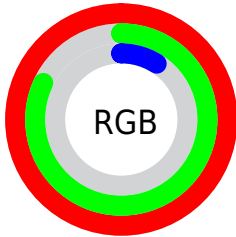
Format	Color
RYB	83, 255, 24
Decimal	16764952
CIELab	85.22, 1.87, 83.34
CIELCh	85, 83.358, 88.717
Yxy	66.4377, 0.4545, 0.4721
Android (android.graphics.Color)	4294955032 (0xFFFFD018)
YUV	201.0770, -87.2990, 47.2905
Hunter-Lab	81.5093, -2.5715, 49.5521

Details

The Hex color **FFD018** 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 **1847FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF5F**, and **C19A00** is the 20% darker color. If you saturate the color by 10%, you get **FFCB00**, and if you desaturate by 10%, it is **FFD531**.

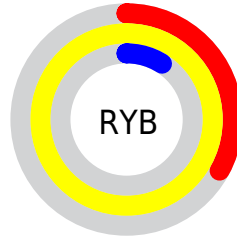
Distribution



Red (100%)

Green (82%)

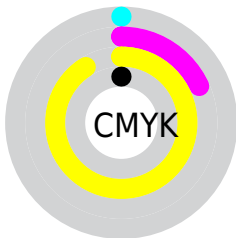
Blue (9%)



Red (33%)

Yellow (100%)

Blue (9%)

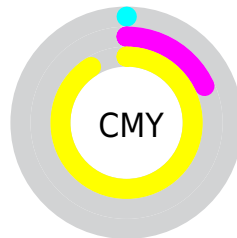


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD018 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 FFD018 by changing the saturation by 10% instead.

 FFD018

 FFD018

FFFFFF

 E0B500

 FFFF5F

 C19A00

 FFFF7C

 A38000

 FFFF99

 856800

 FFFFB6

 685000

 FFFFD4

 4D3900

 FFFFF1

 332400

 1A1000

 000000

 FFD018

 FFD018

 FFCB00

 FFD531

 FFDA4B

 FFE064

 FFE57E

 FFEA97

 FFEFB1

 FFF4CB

 FFFAE4

FFFFFFD

Harmonies

Analogous

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



FFB14B



FFD018



B1E639

Triad

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



FFD018



00F9FF



FF9EFF

Complementary

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



FFD018



1847FF

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.



CDC1FF



FFD018



00F1FF

Square

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



FFD018



00F9CF



00DFFF



FF87DC

Rectangle

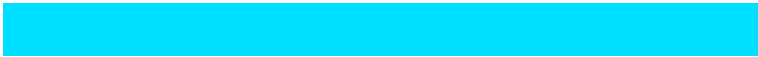
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD018



6BF066



00DFFF



FFAAFF

Sweetspot

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



FFD018



FFF1BA



FF184A



807757



000000



808080

Same Dimension

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



FFD018



FFCB00



BEFF18



807D73



BF9800



403300

Inverse Universe

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



1847FF



0034FF



5918FF



737580



0027BF



000D40

Previews

White Background



This preview shows how the Hex color FFD018 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 FFD018 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 FFD018 Background



This preview shows how black text looks on a background with the Hex color FFD018.



This preview shows how white text looks on a background with the Hex color FFD018.

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
FFD018

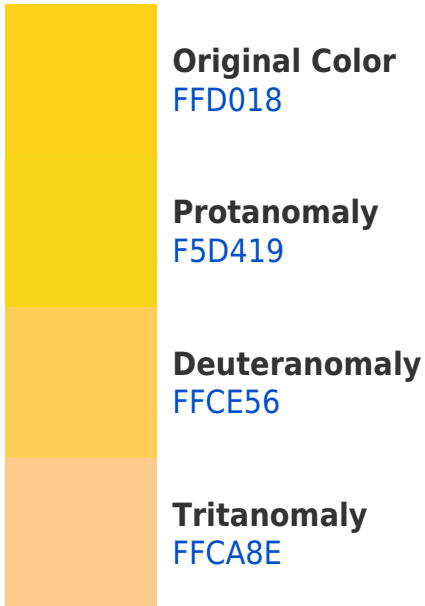
Protanopia
F0D61A

Deuteranopia
FFCD79

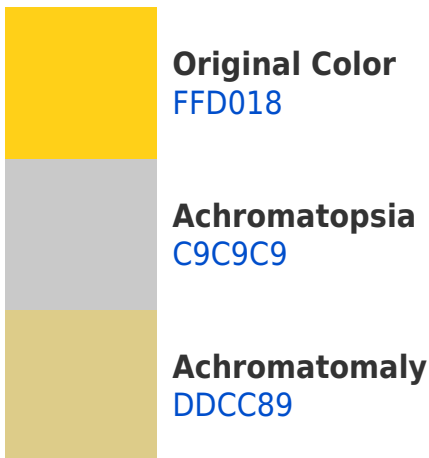


Tritanopia
FFC6D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD018 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 #FFD018 looks like.

```
.text, #text, p{  
    color:#FFD018  
}
```

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 #FFD018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD018  
}
```

Border

The CSS property to change the border of an element to Hex FFD018 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  
#FFD018 }
```

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

```
.border{ border-color:#FFD018 }
```

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

Here you see how a box with a 4 pixel #FFD018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD018; -webkit-box-shadow:4px 4px  
4px 4px #FFD018; box-shadow:4px 4px 4px  
4px #FFD018 }
```

Background

The CSS property to change the background color of an element to Hex FFD018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD018 }
```

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

```
.background{ background-color:#FFD018 }
```

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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