

# Converting Colors

Hex(FFD91F)

Have a look what the booklet for  
Hex(FFD91F) contains.

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# **Color**

**Hex(FFD91F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD91F
RGB	255, 217, 31
RGB Percent	100%, 85%, 12%
CMY	0.0000, 0.1490, 0.8784
CMYK	0.00, 0.15, 0.88, 0.00
HSL	50°, 100%, 56%
HSV	50°, 88%, 100%
XYZ	66.3002, 70.9846, 11.5033
YIQ	207.1580, 82.3540, -49.7900

# Conversions

## Conversions Part 2

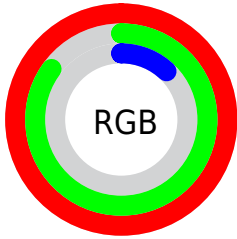
Format	Color
R <sub>Y</sub> B	77, 255, 31
Decimal	16767263
CIE Lab	87.48, -2.59, 83.86
CIE LCh	87, 83.902, 91.769
Yxy	70.9846, 0.4456, 0.4771
Android (android.graphics.Color)	4294957343 (0xFFFFD91F)
YUV	207.1580, -86.8459, 41.9574
Hunter-Lab	84.2524, -6.9758, 50.8816

# Details

The Hex color **FFD91F** 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 **1F45FF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF63**, and **C1A300** is the 20% darker color. If you saturate the color by 10%, you get **FFD506**, and if you desaturate by 10%, it is **FFDD39**.

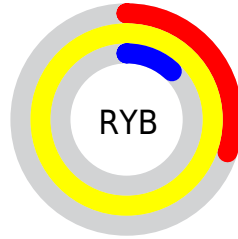
# Distribution



Red (100%)

Green (85%)

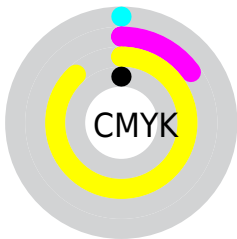
Blue (12%)



Red (30%)

Yellow (100%)

Blue (12%)

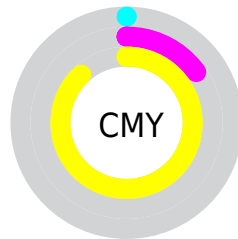


Cyan (0%)

Magenta (15%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD91F 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 FFD91F by changing the saturation by 10% instead.



 FFD91F

 FFD91F

FFFFFF

 E0BD00

 FFFF63

 C1A300

 FFFF81

 A38900

 FFFF9E

 867000

 FFFFBB

 695800

 FFFFD9

 4D4100

 FFFFF7

 332B00

 1B1700

 000000

 FFD91F

 FFD91F

 FFD506

 FFDD39

 FFD400

 FFE252

 FFE66B

 FFEA85

 FFEF9F

 FFF3B8

 FFF7D2

 FFFCEB

FFFFFF

# Harmonies

## Analogous

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



FFBA4A



FFD91F



AEEF45

# Triad

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



FFD91F



00FFFF



FFA1FF

# Complementary

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



FFD91F



1F45FF

# 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.



E1C4FF



FFD91F



00F7FF

# Square

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



FFD91F



00FFDE



00E3FF



FF8DDA

# Rectangle

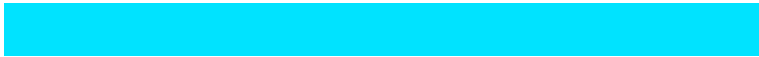
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD91F



63F872



00E3FF



FFACFF



# Sweetspot

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



FFD91F



FFF4BD



FF1F48



807958



000000



808080



# Same Dimension

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



FFD91F



FFD400



B8FF1F



807D73



BF9F00



403500



# Inverse Universe

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



1F45FF



002BFF



661FFF



737580



0020BF



000B40



# Previews

## White Background



This preview shows how the Hex color FFD91F looks on a white background.

## Color Contrast Check

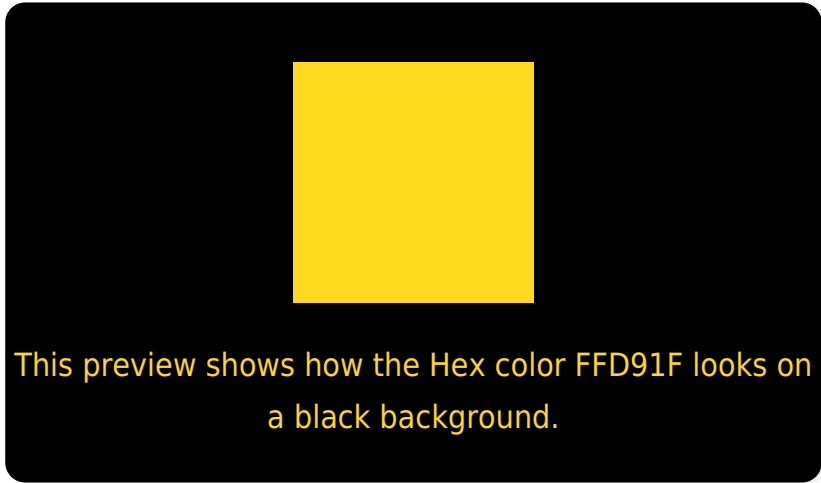
Large Text (above 18pt) WCAG AA × Fail

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 FFD91F Background



This preview shows how black text looks on a background with the Hex color FFD91F.

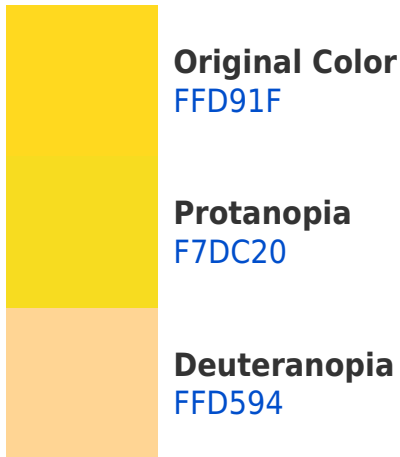


This preview shows how white text looks on a background with the Hex color FFD91F.

# Color Blindness Simulation

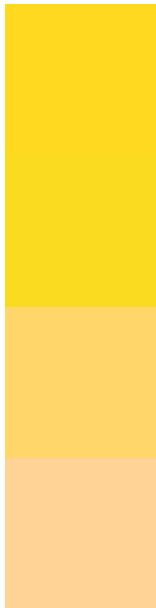
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
FFD91F

**Protanomaly**  
FADB20

**Deuteranomaly**  
FFD669

**Tritanomaly**  
FFD396

# Monochromacy



**Original Color**  
FFD91F

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
E0D38F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD91F 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 #FFD91F looks like.

```
.text, #text, p{  
    color:#FFD91F  
}
```

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 #FFD91F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD91F
}
```

## Border

The CSS property to change the border of an element to Hex FFD91F 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
#FFD91F }
```

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

```
.border{ border-color:#FFD91F }
```

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

Here you see how a box with a 4 pixel #FFD91F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD91F; -webkit-box-shadow:4px 4px  
4px 4px #FFD91F; box-shadow:4px 4px 4px  
4px #FFD91F }
```

# Background

The CSS property to change the background color of an element to Hex FFD91F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD91F }
```

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

```
.background{ background-color:#FFD91F }
```

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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