

# Converting Colors

Hex(FFD30A)

Have a look what the booklet for  
Hex(FFD30A) contains.

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**Color**

**Hex(FFD30A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD30A
RGB	255, 211, 10
RGB Percent	100%, 83%, 4%
CMY	0.0000, 0.1725, 0.9608
CMYK	0.00, 0.17, 0.96, 0.00
HSL	49°, 100%, 52%
HSV	49°, 96%, 100%
XYZ	64.5891, 67.8704, 9.9833
YIQ	201.2420, 90.7450, -53.1830

# Conversions

## Conversions Part 2

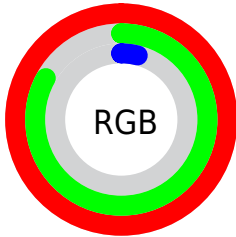
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	64, 255, 10
Decimal	16765706
CIELab	85.94, 0.18, 85.58
CIELCh	86, 85.577, 89.878
Yxy	67.8704, 0.4534, 0.4765
Android (android.graphics.Color)	4294955786 (0xFFFFD30A)
YUV	201.2420, -94.2823, 47.1458
Hunter-Lab	82.3835, -4.2264, 50.4837

# Details

The Hex color **FFD30A** 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 **0A36FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF5A**, and **C19D00** is the 20% darker color. If you saturate the color by 10%, you get **FFD100**, and if you desaturate by 10%, it is **FFD823**.

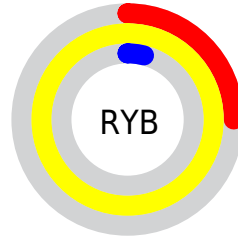
# Distribution



Red (100%)

Green (83%)

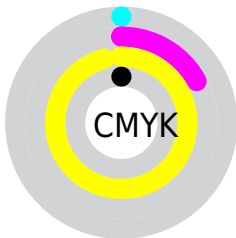
Blue (4%)



Red (25%)

Yellow (100%)

Blue (4%)

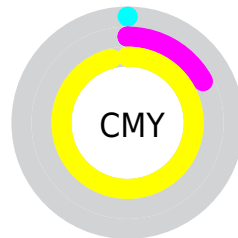


Cyan (0%)

Magenta (17%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD30A 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 FFD30A by changing the saturation by 10% instead.



 FFD30A

 FFD30A

FFFFFF

 E0B800

 FFFF5A

 C19D00

 FFFF78

 A38300

 FFFF96

 856A00

 FFFFB3

 685300

 FFFF00

 4D3C00

 FFFFEE

 322700

 1A1200

 000000

 FFD30A

 FFD30A

 FFD100

 FFD823

 FFDC3D

 FFE157

 FFE570

 FFEA8A

 FFEEA3

 FFF3BD

 FFF8D6

 FFFCF0

# Harmonies

## Analogous

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



FFB346



FFD30A



AEEA37

# Triad

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



FFD30A



00FCFF



FF9DFF

# Complementary

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



FFD30A



0A36FF

# 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.



D4C1FF



FFD30A



00F4FF

# Square

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



FFD30A



00FCD4



00E1FF



FF86DB

# Rectangle

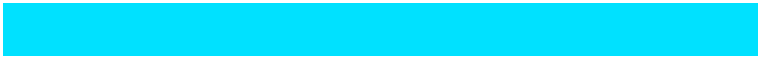
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD30A



64F367



00E1FF



FFA9FF



# Sweetspot

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



FFD30A



FFF2B5



FF0A37



807753



000000



808080



# Same Dimension

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



FFD30A



FFD100



B1FF0A



807D73



BF9D00



403400



# Inverse Universe

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



0A36FF



002EFF



580AFF



737580



0022BF



000B40



# Previews

## White Background



This preview shows how the Hex color FFD30A looks on a white background.

## Color Contrast Check

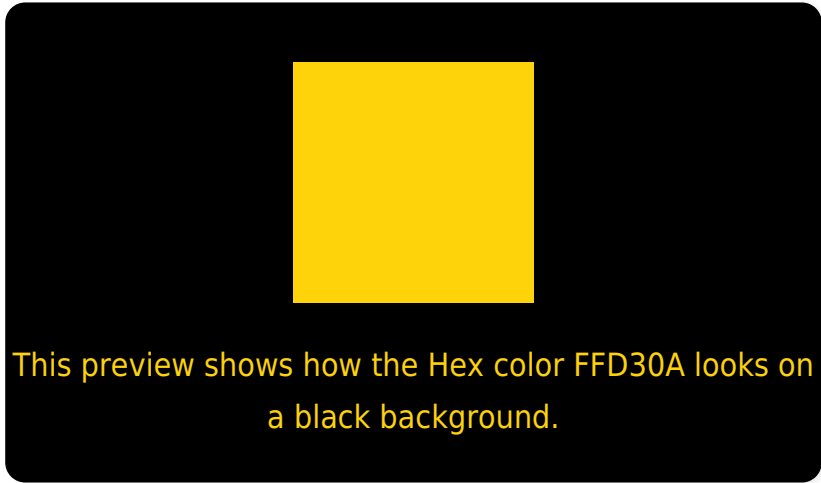
Large Text (above 18pt) WCAG AA × Fail

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 FFD30A Background



This preview shows how black text looks on a background with the Hex color FFD30A.



This preview shows how white text looks on a background with the Hex color FFD30A.

# 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**  
FFD30A

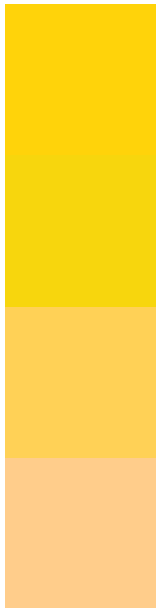
**Protanopia**  
F3D80E

**Deuteranopia**  
FFD082



**Tritanopia**  
FFC9D4

# Trichromacy



**Original Color**  
FFD30A

**Protanomaly**  
F7D60D

**Deuteranomaly**  
FFD156

**Tritanomaly**  
FFCD8B

# Monochromacy



**Original Color**  
FFD30A

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
DDCD84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD30A 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 #FFD30A looks like.

```
.text, #text, p{  
    color:#FFD30A  
}
```

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 #FFD30A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD30A
}
```

## Border

The CSS property to change the border of an element to Hex FFD30A 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
#FFD30A }
```

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

```
.border{ border-color:#FFD30A }
```

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

Here you see how a box with a 4 pixel #FFD30A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD30A; -webkit-box-shadow:4px 4px  
4px 4px #FFD30A; box-shadow:4px 4px 4px  
4px #FFD30A }
```

# Background

The CSS property to change the background color of an element to Hex FFD30A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD30A }
```

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

```
.background{ background-color:#FFD30A }
```

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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