

# Converting Colors

Hex(FFD429)

Have a look what the booklet for  
Hex(FFD429) contains.

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**Color**

**Hex(FFD429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD429
RGB	255, 212, 41
RGB Percent	100%, 83%, 16%
CMY	0.0000, 0.1686, 0.8392
CMYK	0.00, 0.17, 0.84, 0.00
HSL	48°, 100%, 58%
HSV	48°, 84%, 100%
XYZ	65.1837, 68.5071, 11.8855
YIQ	205.3630, 80.5190, -44.0650

# Conversions

## Conversions Part 2

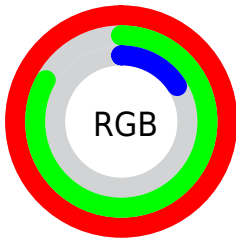
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 255, 41
Decimal	16765993
CIE <sub>Lab</sub>	86.26, 0.16, 80.73
CIE <sub>LCh</sub>	86, 80.726, 89.888
Yxy	68.5071, 0.4478, 0.4706
Android (android.graphics.Color)	4294956073 (0xFFFFD429)
YUV	205.3630, -81.0310, 43.5316
Hunter-Lab	82.7690, -4.2702, 49.4244

# Details

The Hex color **FFD429** 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 **2954FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF68**, and **C19E00** is the 20% darker color. If you saturate the color by 10%, you get **FFCF10**, and if you desaturate by 10%, it is **FFD942**.

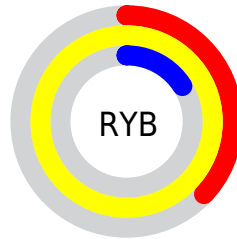
# Distribution



Red (100%)

Green (83%)

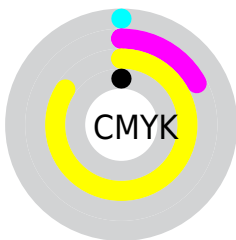
Blue (16%)



Red (37%)

Yellow (100%)

Blue (16%)

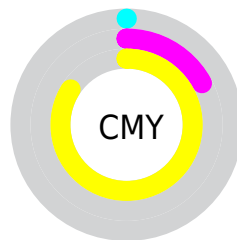


Cyan (0%)

Magenta (17%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD429 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 FFD429 by changing the saturation by 10% instead.



 FFD429

 FFD429

FFFFFF

 E0B900

 FFFF68

 C19E00

 FFFF85

 A38400

 FFFFA2

 866B00

 FFFFBF

 695300

 FFFFDD

 4D3D00

 FFFFFB

 332700

 1B1300

 000000

 FFD429

 FFD429

 FFCF10

 FFD942

 FFCC00

 FFDE5C

 FFE376

 FFE88F

 FFEEA9

 FFF3C2

 FFF8DC

 FFFDF5

FFFFFF

# Harmonies

## Analogous

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



FFB650



FFD429



B3E945

# Triad

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



FFD429



00FBFF



FFA2FF

# Complementary

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



FFD429



2954FF

# 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.



D6C4FF



FFD429



00F3FF

# Square

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



FFD429



00FCD5



00E1FF



FF8EDB

# Rectangle

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



FFD429



6FF36F



00E1FF



FFADFF



# Sweetspot

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



FFD429



FFF2BF



FF2957



807859



000000



808080



# Same Dimension

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



FFD429



FFCC00



C2FF29



807D73



BF9900



403300



# Inverse Universe

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



2954FF



0033FF



6629FF



737580



0026BF



000D40



# Previews

## White Background



This preview shows how the Hex color FFD429 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 FFD429 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 FFD429 Background



This preview shows how black text looks on a background with the Hex color FFD429.



This preview shows how white text looks on a background with the Hex color FFD429.

# 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



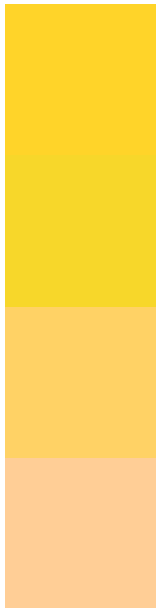
**Original Color**  
FFD429

**Protanopia**  
F3D82A

**Deuteranopia**  
FFD187



# Trichromacy



**Original Color**  
FFD429

**Protanomaly**  
F7D72A

**Deuteranomaly**  
FFD265

**Tritanomaly**  
FFCE96

# Monochromacy



**Original Color**  
FFD429

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
DFD091

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD429 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 #FFD429 looks like.

```
.text, #text, p{  
    color:#FFD429  
}
```

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 #FFD429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD429
}
```

## Border

The CSS property to change the border of an element to Hex FFD429 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
#FFD429 }
```

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

```
.border{ border-color:#FFD429 }
```

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

Here you see how a box with a 4 pixel #FFD429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD429; -webkit-box-shadow:4px 4px  
4px 4px #FFD429; box-shadow:4px 4px 4px  
4px #FFD429 }
```

# Background

The CSS property to change the background color of an element to Hex FFD429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD429 }
```

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

```
.background{ background-color:#FFD429 }
```

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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