

# Converting Colors

Hex(FFD12D)

Have a look what the booklet for  
Hex(FFD12D) contains.

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**Color**

**Hex(FFD12D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD12D
RGB	255, 209, 45
RGB Percent	100%, 82%, 18%
CMY	0.0000, 0.1804, 0.8235
CMYK	0.00, 0.18, 0.82, 0.00
HSL	47°, 100%, 59%
HSV	47°, 82%, 100%
XYZ	64.5141, 67.0504, 12.0244
YIQ	204.0580, 80.0600, -41.2520

# Conversions

## Conversions Part 2

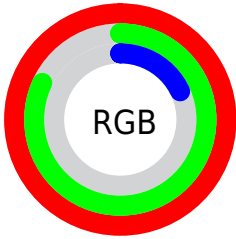
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	104, 255, 45
Decimal	16765229
CIELab	85.53, 1.79, 79.10
CIELCh	86, 79.117, 88.704
Yxy	67.0504, 0.4493, 0.4670
Android (android.graphics.Color)	4294955309 (0xFFFFD12D)
YUV	204.0580, -78.4156, 44.6761
Hunter-Lab	81.8843, -2.6629, 48.6125

# Details

The Hex color **FFD12D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2D5BFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF6B**, and **C19B00** is the 20% darker color. If you saturate the color by 10%, you get **FFCB14**, and if you desaturate by 10%, it is **FFD747**.

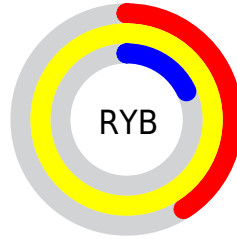
# Distribution



Red (100%)

Green (82%)

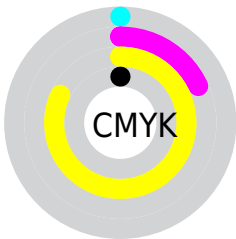
Blue (18%)



Red (41%)

Yellow (100%)

Blue (18%)

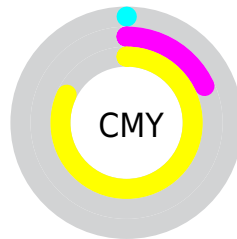


Cyan (0%)

Magenta (18%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD12D 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 FFD12D by changing the saturation by 10% instead.



 FFD12D

 FFD12D

FFFFFF

 E0B600

 FFFF6B

 C19B00

 FFFF87

 A38100

 FFFFA4

 866800

 FFFFC1

 695100

 FFFFDE

 4D3A00

FFFFFFC

 332500

 1B1100

 000000

 FFD12D

 FFD12D

 FFCB14

 FFD747

 FFC700

 FFDC60

 FFE27A

 FFE793

 FFEDAD

 FFF3C6

 FFF8E0

 FFFEF9

FFFFFF

# Harmonies

## Analogous

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



FFB454



FFD12D



B5E645

# Triad

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



FFD12D



00F9FF



FFA3FF

# Complementary

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



FFD12D



2D5BFF

# 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.



D0C3FF



FFD12D



00F1FF

# Square

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



FFD12D



00F9D0



00DFFF



FF8EDC

# Rectangle

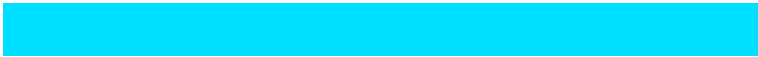
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD12D



75F06D



00DFFF



FFADFF



# Sweetspot

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



FFD12D



FFF1BF



FF2D5E



807759



000000



808080



# Same Dimension

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



FFD12D



FFC803



C7FF2D



807D73



BF9500



403200



# Inverse Universe

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



2D5BFF



033AFF



652DFF



737680



002ABF



000E40



# Previews

## White Background



This preview shows how the Hex color FFD12D looks on a white background.

## Color Contrast Check

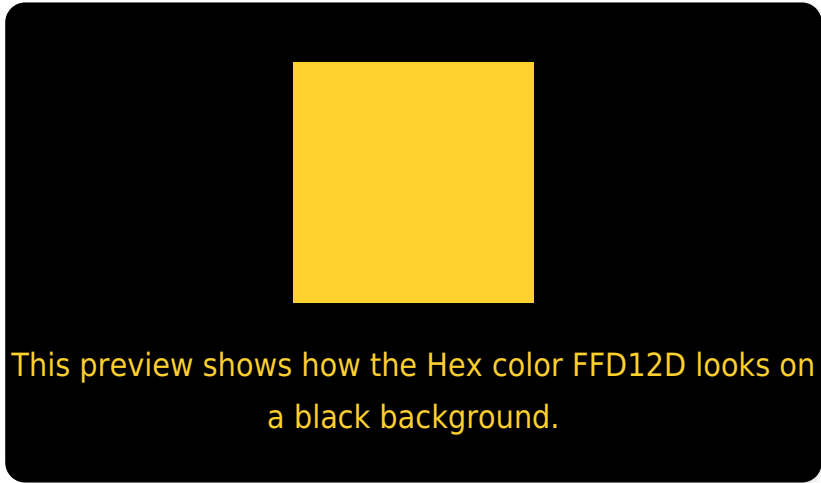
Large Text (above 18pt) WCAG AA × Fail

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 FFD12D Background



This preview shows how black text looks on a background with the Hex color FFD12D.

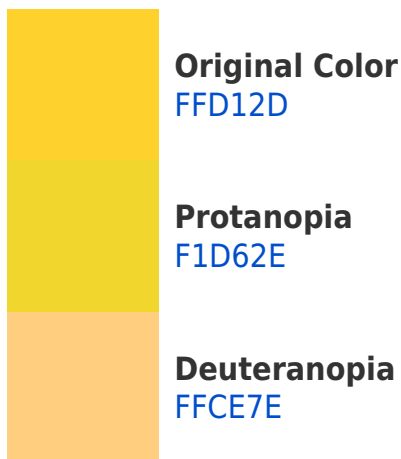


This preview shows how white text looks on a background with the Hex color FFD12D.

# 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](#).

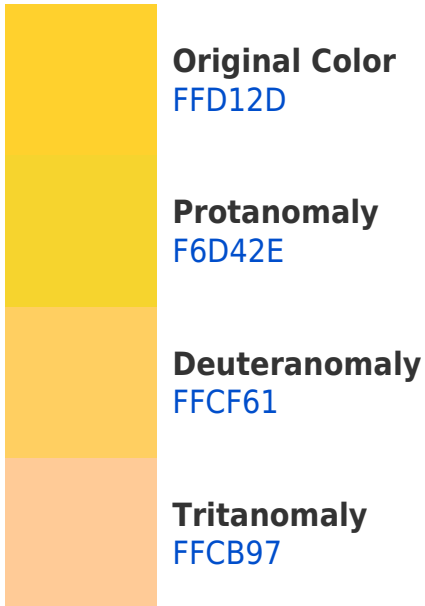
## Dichromacy



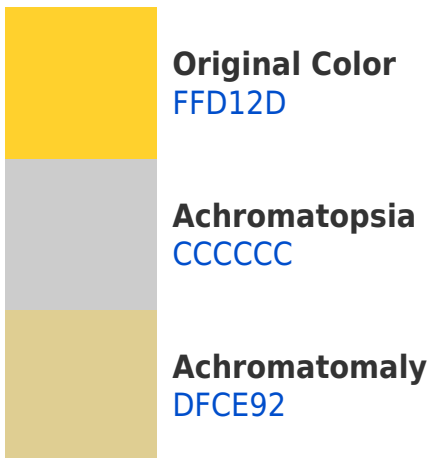


**Tritanopia**  
FFC7D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD12D 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 #FFD12D looks like.

```
.text, #text, p{  
    color:#FFD12D  
}
```

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 #FFD12D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD12D
}
```

## Border

The CSS property to change the border of an element to Hex FFD12D 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
#FFD12D }
```

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

```
.border{ border-color:#FFD12D }
```

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

Here you see how a box with a 4 pixel #FFD12D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD12D; -webkit-box-shadow:4px 4px  
4px 4px #FFD12D; box-shadow:4px 4px 4px  
4px #FFD12D }
```

# Background

The CSS property to change the background color of an element to Hex FFD12D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD12D }
```

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

```
.background{ background-color:#FFD12D }
```

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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