

Converting Colors

Hex(FFD822)

Have a look what the booklet for
Hex(FFD822) contains.

Hex(FFD822)	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(FFD822)

Conversions

Conversions Part 1

Format	Color
Hex	FFD822
RGB	255, 216, 34
RGB Percent	100%, 85%, 13%
CMY	0.0000, 0.1529, 0.8667
CMYK	0.00, 0.15, 0.87, 0.00
HSL	49°, 100%, 57%
HSV	49°, 87%, 100%
XYZ	66.0846, 70.4872, 11.6357
YIQ	206.9130, 81.6660, -48.3340

Conversions

Conversions Part 2

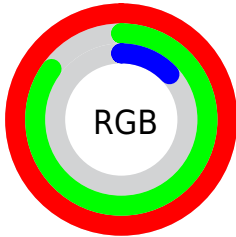
Format	Color
RYB	81, 255, 34
Decimal	16767010
CIELab	87.24, -2.03, 83.08
CIElCh	87, 83.107, 91.398
Yxy	70.4872, 0.4459, 0.4756
Android (android.graphics.Color)	4294957090 (0xFFFFD822)
YUV	206.9130, -85.2461, 42.1723
Hunter-Lab	83.9567, -6.4219, 50.5525

Details

The Hex color **FFD822** 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 **2249FF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF65**, and **C1A200** is the 20% darker color. If you saturate the color by 10%, you get **FFD308**, and if you desaturate by 10%, it is **FFDC3B**.

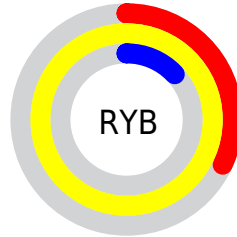
Distribution



Red (100%)

Green (85%)

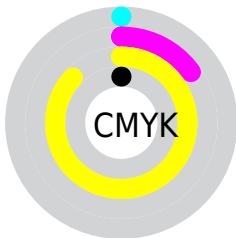
Blue (13%)



Red (32%)

Yellow (100%)

Blue (13%)

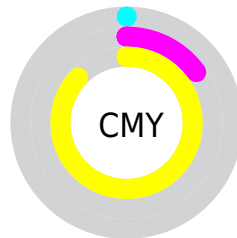


Cyan (0%)

Magenta (15%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD822 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 FFD822 by changing the saturation by 10% instead.

 FFD822

 FFD822

FFFFFF

 E0BC00

 FFFF65

 C1A200

 FFFF82

 A38800

 FFFF9F

 866F00

 FFFFBC

 695700

 FFFFDA

 4D4000

 FFFFF8

 332A00

 1B1600

 000000

 FFD822

 FFD822

 FFD308

 FFDC3B

 FFD200

 FFE155

 FFE56E

 FFEA88

 FFEFA2

 FFF3BB

 FFF8D4

 FFFCEE

FFFFFF

Harmonies

Analogous

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



FFBA4B



FFD822



AFEE45

Triad

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



FFD822



00FFFF



FFA1FF

Complementary

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



FFD822



2249FF

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.



DFC4FF



FFD822



00F6FF

Square

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



FFD822



00FFDC



00E3FF



FF8DDA

Rectangle

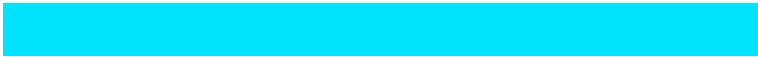
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD822



66F772



00E3FF



FFACFF

Sweetspot

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



FFD822



FFF3BD



FF224B



807958



000000



808080

Same Dimension

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



FFD822



FFD200



B9FF22



807D73



BF9E00



403500

Inverse Universe

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



2249FF



002DFF



6822FF



737580



0022BF



000B40

Previews

White Background



This preview shows how the Hex color FFD822 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 FFD822 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 FFD822 Background



This preview shows how black text looks on a background with the Hex color FFD822.



This preview shows how white text looks on a background with the Hex color FFD822.

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
FFD822

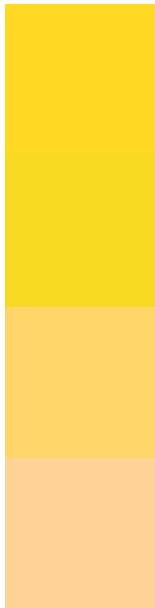
Protanopia
F6DB23

Deuteranopia
FFD492



Tritanopia
FFCED9

Trichromacy



Original Color
FFD822

Protanomaly
F9DA23

Deuteranomaly
FFD569

Tritanomaly
FFD296

Monochromacy



Original Color
FFD822

Achromatopsia
CFCFCF

Achromatomaly
E0D290

CSS Examples

Text

The CSS property to change the color of the text to Hex FFD822 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 #FFD822 looks like.

```
.text, #text, p{  
    color:#FFD822  
}
```

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 #FFD822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD822
}
```

Border

The CSS property to change the border of an element to Hex FFD822 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
#FFD822 }
```

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

```
.border{ border-color:#FFD822 }
```

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

Here you see how a box with a 4 pixel #FFD822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD822; -webkit-box-shadow:4px 4px  
4px 4px #FFD822; box-shadow:4px 4px 4px  
4px #FFD822 }
```

Background

The CSS property to change the background color of an element to Hex FFD822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD822 }
```

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

```
.background{ background-color:#FFD822 }
```

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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