

# Converting Colors

Hex(FFD20D)

Have a look what the booklet for  
Hex(FFD20D) contains.

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**Color**

**Hex(FFD20D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD20D
RGB	255, 210, 13
RGB Percent	100%, 82%, 5%
CMY	0.0000, 0.1765, 0.9490
CMYK	0.00, 0.18, 0.95, 0.00
HSL	49°, 100%, 53%
HSV	49°, 95%, 100%
XYZ	64.3592, 67.3822, 9.9947
YIQ	200.9970, 90.0570, -51.7270

# Conversions

## Conversions Part 2

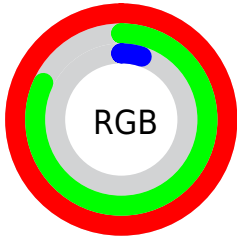
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 255, 13
Decimal	16765453
CIELab	85.70, 0.72, 85.12
CIELCh	86, 85.122, 89.518
Yxy	67.3822, 0.4541, 0.4754
Android (android.graphics.Color)	4294955533 (0xFFFFD20D)
YUV	200.9970, -92.6825, 47.3606
Hunter-Lab	82.0867, -3.7006, 50.2416

# Details

The Hex color **FFD20D** 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 **0D3AFF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF5B**, and **C19C00** is the 20% darker color. If you saturate the color by 10%, you get **FFD000**, and if you desaturate by 10%, it is **FFD727**.

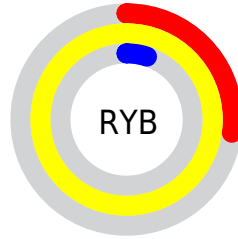
# Distribution



Red (100%)

Green (82%)

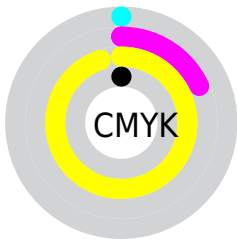
Blue (5%)



Red (27%)

Yellow (100%)

Blue (5%)

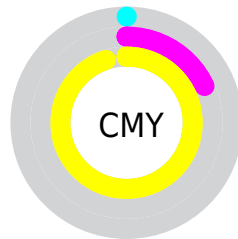


Cyan (0%)

Magenta (18%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD20D 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 FFD20D by changing the saturation by 10% instead.



 FFD20D

 FFD20D

FFFFFF

 E0B700

 FFFF5B

 C19C00

 FFFF79

 A38200

 FFFF96

 856900

 FFFFB3

 685200

 FFFFD1

 4D3B00

 FFFFEF

 322600

 1A1200

 000000

 FFD20D

 FFD20D

 FFD000

 FFD727

 FFDB40

 FFE05A

 FFE573

 FFEA8D

 FFEEA6

 FFF3C0

 FFF8D9

 FFFDF3

# Harmonies

## Analogous

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



FFB247



FFD20D



AFE937

# Triad

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



FFD20D



00BFFF



FF9DFF

# Complementary

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



FFD20D



0D3AFF

# 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.



D2C1FF



FFD20D



00F3FF

# Square

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



FFD20D



00FCD2



00E0FF



FF86DB

# Rectangle

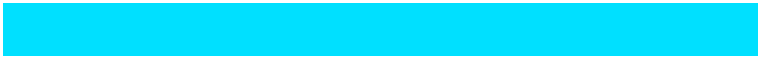
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD20D



66F266



00E0FF



FFA9FF



# Sweetspot

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



FFD20D



FFF2B8



FF0D3D



807754



000000



808080



# Same Dimension

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



FFD20D



FFD000



B6FF0D



807D73



BF9C00



403400



# Inverse Universe

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



0D3AFF



002FFF



560DFF



737580



0024BF



000C40



# Previews

## White Background



This preview shows how the Hex color FFD20D looks on a white background.

## Color Contrast Check

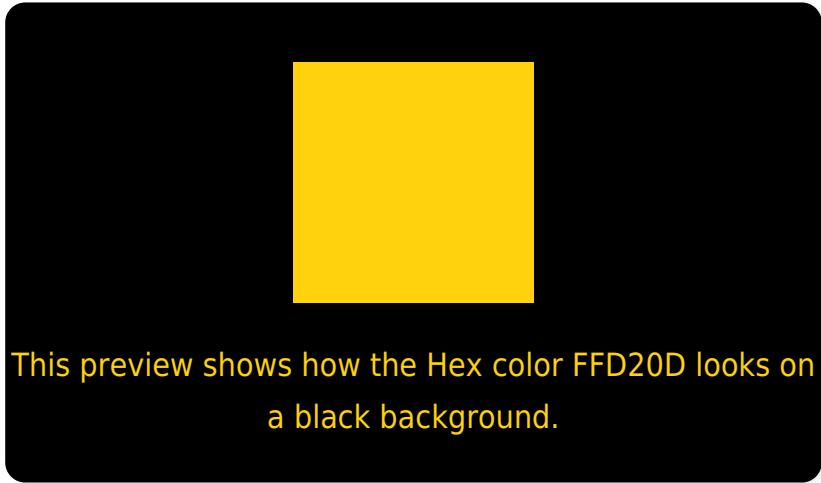
Large Text (above 18pt) WCAG AA × Fail

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 FFD20D Background



This preview shows how black text looks on a background with the Hex color FFD20D.



This preview shows how white text looks on a background with the Hex color FFD20D.

# 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**  
FFD20D

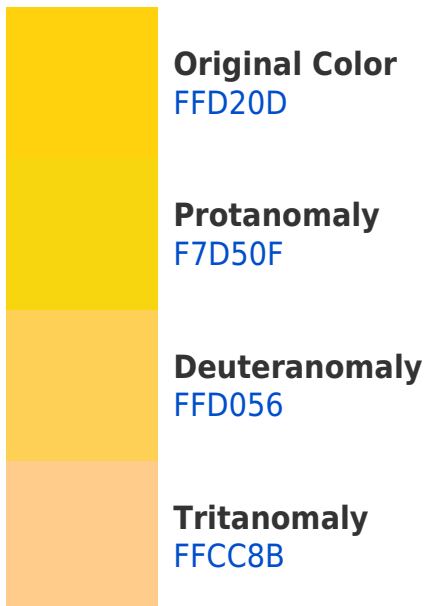
**Protanopia**  
F2D710

**Deuteranopia**  
FFCF7F

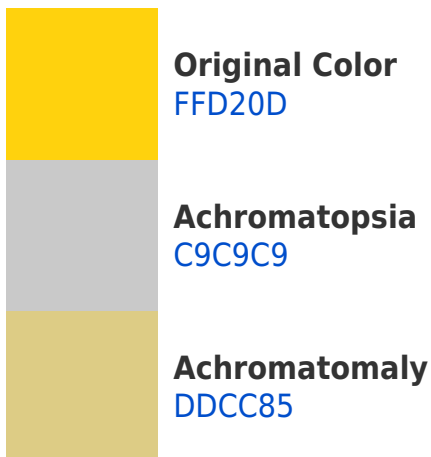


**Tritanopia**  
FFC8D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD20D 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 #FFD20D looks like.

```
.text, #text, p{  
    color:#FFD20D  
}
```

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 #FFD20D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD20D
}
```

## Border

The CSS property to change the border of an element to Hex FFD20D 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
#FFD20D }
```

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

```
.border{ border-color:#FFD20D }
```

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

Here you see how a box with a 4 pixel #FFD20D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD20D; -webkit-box-shadow:4px 4px  
4px 4px #FFD20D; box-shadow:4px 4px 4px  
4px #FFD20D }
```

# Background

The CSS property to change the background color of an element to Hex FFD20D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD20D }
```

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

```
.background{ background-color:#FFD20D }
```

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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