

Converting Colors

Hex(FFD60D)

Have a look what the booklet for
Hex(FFD60D) contains.

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Color

Hex(FFD60D)

Conversions

Conversions Part 1

Format	Color
Hex	FFD60D
RGB	255, 214, 13
RGB Percent	100%, 84%, 5%
CMY	0.0000, 0.1608, 0.9490
CMYK	0.00, 0.16, 0.95, 0.00
HSL	50°, 100%, 53%
HSV	50°, 95%, 100%
XYZ	65.3592, 69.3822, 10.3281
YIQ	203.3450, 88.9570, -53.8190

Conversions

Conversions Part 2

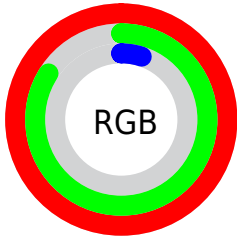
Format	Color
RYB	62, 255, 13
Decimal	16766477
CIELab	86.69, -1.32, 85.85
CIElCh	87, 85.855, 90.878
Yxy	69.3822, 0.4505, 0.4783
Android (android.graphics.Color)	4294956557 (0xFFFFD60D)
YUV	203.3450, -93.8401, 45.3014
Hunter-Lab	83.2960, -5.7057, 50.9557

Details

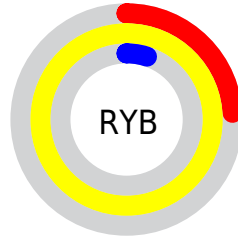
The Hex color **FFD60D** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0D36FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF5C**, and **C1A000** is the 20% darker color. If you saturate the color by 10%, you get **FFD400**, and if you desaturate by 10%, it is **FFDA27**.

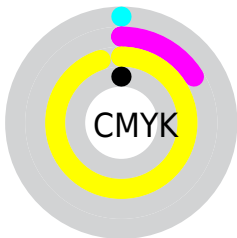
Distribution



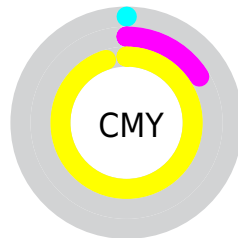
- Red (100%)
- Green (84%)
- Blue (5%)



- Red (24%)
- Yellow (100%)
- Blue (5%)



- Cyan (0%)
- Magenta (16%)
- Yellow (95%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD60D 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 FFD60D by changing the saturation by 10% instead.

 FFD60D

 FFD60D

FFFFFF

 E0BB00

 FFFF5C

 C1A000

 FFFF7A

 A38600

 FFFF97

 866D00

 FFFFB4

 685500

 FFFFD2

 4D3E00

 FFFFF0

 332900

 1A1500

 000000

 FFD60D

 FFD60D

 FFD400

 FFDA27

 FFDF40

 FFE35A

 FFE773

 FFEC8D

 FFF0A6

 FFF4C0

 FFF9D9

 FFFDF3

Harmonies

Analogous

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



FFB645



FFD60D



ADEC3B

Triad

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



FFD60D



00FFFF



FF99FF

Complementary

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



FFD60D



0D36FF

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.



DAC2FF



FFD60D



00F6FF

Square

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



FFD60D



00FFD9



00E2FF



FF88DA

Rectangle

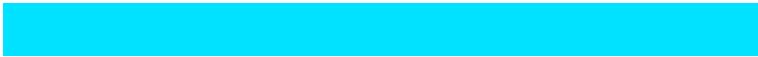
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD60D



60F66B



00E2FF



FFA9FF

Sweetspot

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



FFD60D



FFF3B8



FF0D39



807854



000000



808080

Same Dimension

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



FFD60D



FFD400



B2FF0D



807D73



BF9F00



403500

Inverse Universe

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



0D36FF



002BFF



5A0DFF



737580



0020BF



000B40

Previews

White Background



This preview shows how the Hex color FFD60D 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 FFD60D 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 FFD60D Background



This preview shows how black text looks on a background with the Hex color FFD60D.



This preview shows how white text looks on a background with the Hex color FFD60D.

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

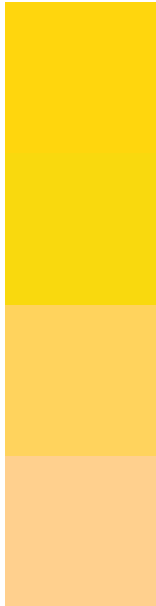


Original Color
FFD60D

Protanopia
F5DA0F

Deuteranopia
FFD28B

Trichromacy



Original Color
FFD60D

Protanomaly
F9D90E

Deuteranomaly
FFD35D

Tritanomaly
FFD08E

Monochromacy



Original Color
FFD60D

Achromatopsia
CBCBCB

Achromatomaly
DECF86

CSS Examples

Text

The CSS property to change the color of the text to Hex FFD60D 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 #FFD60D looks like.

```
.text, #text, p{  
    color:#FFD60D  
}
```

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 #FFD60D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD60D
}
```

Border

The CSS property to change the border of an element to Hex FFD60D 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
#FFD60D }
```

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

```
.border{ border-color:#FFD60D }
```

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

Here you see how a box with a 4 pixel #FFD60D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD60D; -webkit-box-shadow:4px 4px  
4px 4px #FFD60D; box-shadow:4px 4px 4px  
4px #FFD60D }
```

Background

The CSS property to change the background color of an element to Hex FFD60D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD60D }
```

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

```
.background{ background-color:#FFD60D }
```

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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