

Converting Colors

Hex(FFD634)

Have a look what the booklet for
Hex(FFD634) contains.

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Color

Hex(FFD634)

Conversions

Conversions Part 1

Format	Color
Hex	FFD634
RGB	255, 214, 52
RGB Percent	100%, 84%, 20%
CMY	0.0000, 0.1608, 0.7961
CMYK	0.00, 0.16, 0.80, 0.00
HSL	48°, 100%, 60%
HSV	48°, 80%, 100%
XYZ	65.9064, 69.6011, 13.2095
YIQ	207.7910, 76.4380, -41.6900

Conversions

Conversions Part 2

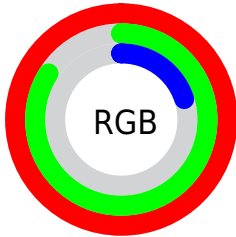
Format	Color
RYB	103, 255, 52
Decimal	16766516
CIELab	86.80, -0.55, 78.23
CIELCh	87, 78.236, 90.405
Yxy	69.6011, 0.4432, 0.4680
Android (android.graphics.Color)	4294956596 (0xFFFFD634)
YUV	207.7910, -76.8050, 41.4023
Hunter-Lab	83.4273, -4.9851, 49.0113

Details

The Hex color **FFD634** 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 **345DFF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF70**, and **C2A000** is the 20% darker color. If you saturate the color by 10%, you get **FFD11A**, and if you desaturate by 10%, it is **FFDB4E**.

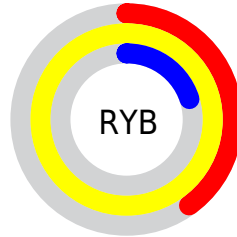
Distribution



Red (100%)

Green (84%)

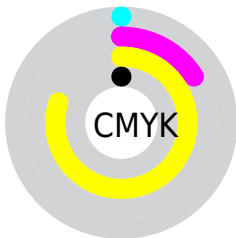
Blue (20%)



Red (40%)

Yellow (100%)

Blue (20%)

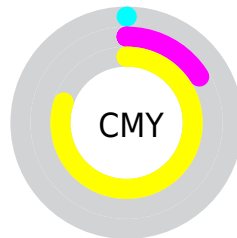


Cyan (0%)

Magenta (16%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD634 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 FFD634 by changing the saturation by 10% instead.

 FFD634

 FFD634

FFFFFF

 E0BA04

 FFFF70

 C2A000

 FFFF8D

 A48600

 FFFFAA

 876D00

 FFFFC7

 6A5500

 FFFFE4

 4E3E00

 342900

 1B1500

 000000

 FFD634

 FFD634

 FFD11A

 FFDB4E

 FFCC01

 FFE067

 FFCB00

 FFE581

 FFEB9A

 FFF0B3

 FFF5CD

 FFFAE7

FFFFFF

Harmonies

Analogous

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



FFBA56



FFD634



B5EB4E

Triad

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



FFD634



00FCFF



FFA5FF

Complementary

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



FFD634



345DFF

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.



DBC5FF



FFD634



00F4FF

Square

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



FFD634



00FDD8



00E1FF



FF93DB

Rectangle

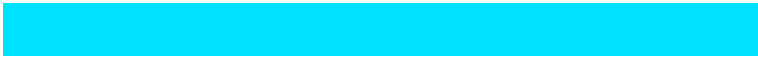
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD634



73F475



00E1FF



FFB0FF

Sweetspot

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



FFD63A



FFF3C2



FF3460



80785B



000000



808080

Same Dimension

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



FFD634



FFCE0A



C5FF34



807D73



BF9900



403300

Inverse Universe

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



345DFF



0A3CFF



6E34FF



737580



0027BF



000D40

Previews

White Background



This preview shows how the Hex color FFD634 looks on a white background.

Color Contrast Check

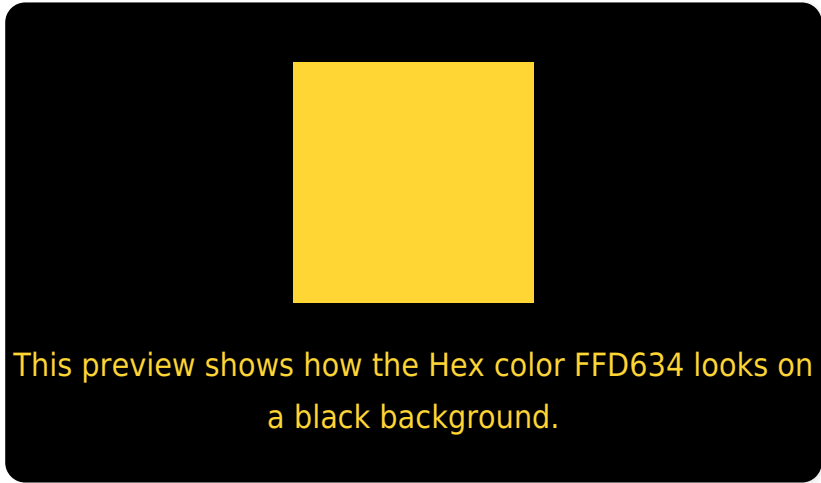
Large Text (above 18pt) WCAG AA × Fail

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 FFD634 Background



This preview shows how black text looks on a background with the Hex color FFD634.

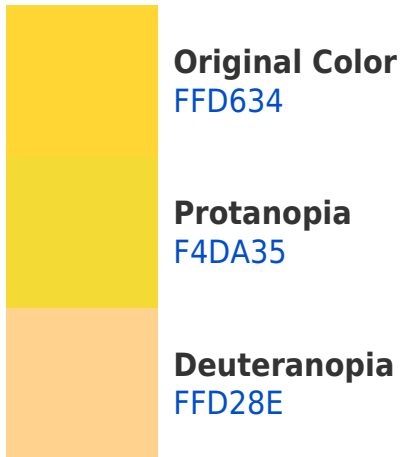


This preview shows how white text looks on a background with the Hex color FFD634.

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](#).

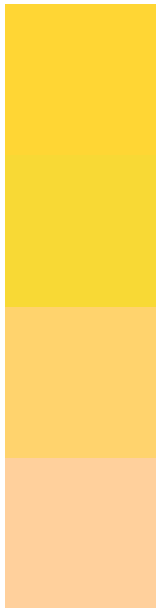
Dichromacy





Tritanopia
FFCCD8

Trichromacy



Original Color
FFD634

Protanomaly
F8D935

Deuteranomaly
FFD36D

Tritanomaly
FFD09C

Monochromacy



Original Color
FFD634

Achromatopsia
D0D0D0

Achromatomaly
E1D297

CSS Examples

Text

The CSS property to change the color of the text to Hex FFD634 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 #FFD634 looks like.

```
.text, #text, p{  
    color:#FFD634  
}
```

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 #FFD634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD634
}
```

Border

The CSS property to change the border of an element to Hex FFD634 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
#FFD634 }
```

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

```
.border{ border-color:#FFD634 }
```

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

Here you see how a box with a 4 pixel #FFD634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD634; -webkit-box-shadow:4px 4px  
4px 4px #FFD634; box-shadow:4px 4px 4px  
4px #FFD634 }
```

Background

The CSS property to change the background color of an element to Hex FFD634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD634 }
```

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

```
.background{ background-color:#FFD634 }
```

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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