

Converting Colors

Hex(FDD758)

Have a look what the booklet for
Hex(FDD758) contains.

Hex(FDD758)	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(FDD758)

Conversions

Conversions Part 1

Format	Color
Hex	FDD758
RGB	253, 215, 88
RGB Percent	99%, 84%, 35%
CMY	0.0078, 0.1569, 0.6549
CMYK	0.00, 0.15, 0.65, 0.01
HSL	46°, 98%, 67%
HSV	46°, 65%, 99%
XYZ	66.5699, 70.1881, 19.2716
YIQ	211.8840, 63.4150, -31.4410

Conversions

Conversions Part 2

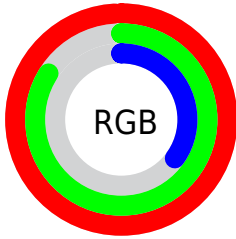
Format	Color
RYB	137, 253, 88
Decimal	16635736
CIELab	87.09, -0.32, 65.45
CIELCh	87, 65.448, 90.276
Yxy	70.1881, 0.4266, 0.4498
Android (android.graphics.Color)	4294825816 (0xFFFDD758)
YUV	211.8840, -61.0748, 36.0587
Hunter-Lab	83.7783, -4.7768, 45.0063

Details

The Hex color **FDD758** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **587EFD**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF8F**, and **C1A11D** is the 20% darker color. If you saturate the color by 10%, you get **FDD13F**, and if you desaturate by 10%, it is **FDDD71**.

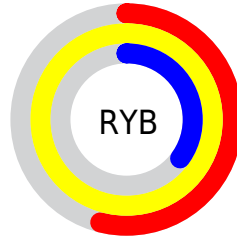
Distribution



Red (99%)

Green (84%)

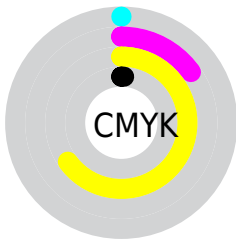
Blue (35%)



Red (54%)

Yellow (99%)

Blue (35%)

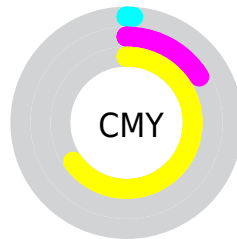


Cyan (0%)

Magenta (15%)

Yellow (65%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDD758 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 FDD758 by changing the saturation by 10% instead.

 FDD758

 FDD758

FFFFFF

 DFBB3C

 FFFF8F

 C1A11D

 FFFFAB

 A38700

 FFFFC7

 876E00

 FFFF E4

 6B5500

 4F3F00

 352900

 1C1500

 000000

 FDD758

 FDD758

 FDD13F

 FDDD71

 FDCB25

 FDE38B

 FDC60C

 FDE8A4

 FDC300

 FDEEBD

 FDF4D7

 FDFAF0

 FDFFFF

Harmonies

Analogous

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



FFC06E



FDD758



BEE969

Triad

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



FDD758



00F8FF



FFB1FF

Complementary

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



FDD758



587EFD

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.



DECAFF



FDD758



00F0FF

Square

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



FDD758



00F9D9



5EE1FF



FFA4DC

Rectangle

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



FDD758



8BF187



5EE1FF



FFB9FF

Sweetspot

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



FDD758



FFF3CC



FD587F



807861



000000



808080

Same Dimension

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



FDD758



FFD138



D1FD58



807D73



BF9300



403100

Inverse Universe

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



587EFD



3866FF



8458FD



737680



002CBF



000F40

Previews

White Background



This preview shows how the Hex color FDD758 looks on a white background.

Color Contrast Check

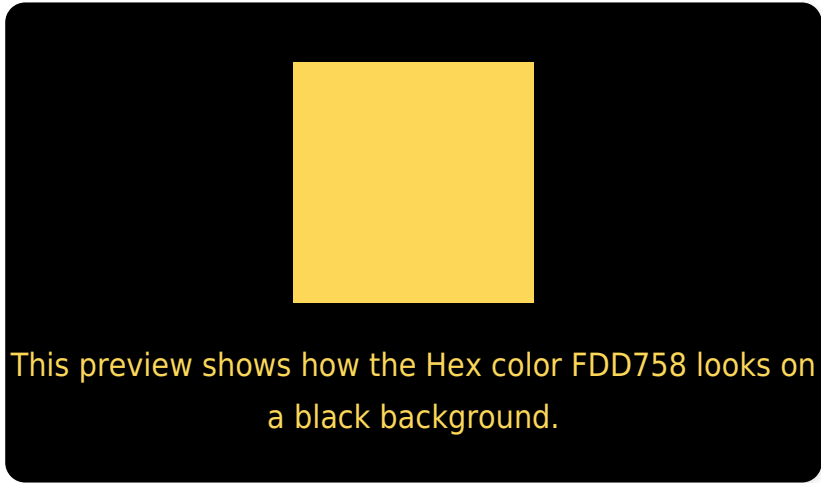
Large Text (above 18pt) WCAG AA × Fail

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 FDD758 Background



This preview shows how black text looks on a background with the Hex color FDD758.

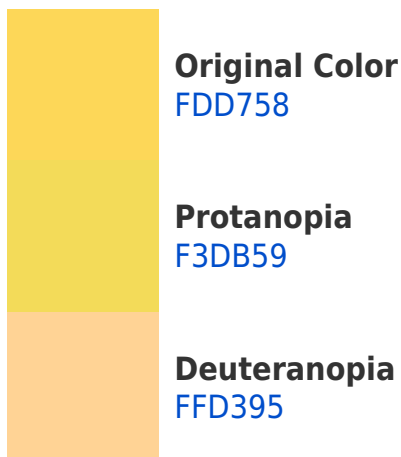


This preview shows how white text looks on a background with the Hex color FDD758.

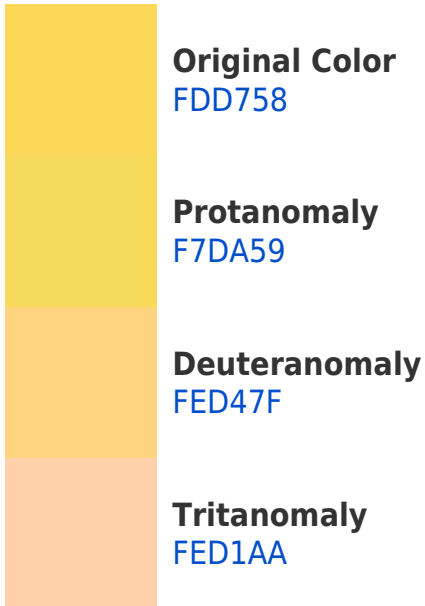
Color Blindness Simulation

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](#).

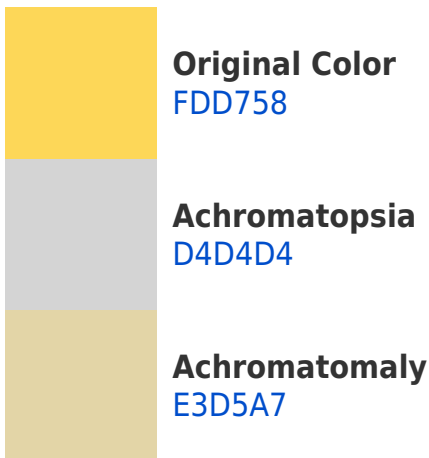
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDD758 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 #FDD758 looks like.

```
.text, #text, p{  
    color:#FDD758  
}
```

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 #FDD758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDD758
}
```

Border

The CSS property to change the border of an element to Hex FDD758 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
#FDD758 }
```

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

```
.border{ border-color:#FDD758 }
```

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

Here you see how a box with a 4 pixel #FDD758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDD758; -webkit-box-shadow:4px 4px  
4px 4px #FDD758; box-shadow:4px 4px 4px  
4px #FDD758 }
```

Background

The CSS property to change the background color of an element to Hex FDD758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDD758 }
```

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

```
.background{ background-color:#FDD758 }
```

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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