

Converting Colors

Hex(FFDA68)

Have a look what the booklet for
Hex(FFDA68) contains.

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Color

Hex(FFDA68)

Conversions

Conversions Part 1

Format	Color
Hex	FFDA68
RGB	255, 218, 104
RGB Percent	100%, 85%, 41%
CMY	0.0000, 0.1451, 0.5922
CMYK	0.00, 0.15, 0.59, 0.00
HSL	45°, 100%, 70%
HSV	45°, 59%, 100%
XYZ	68.8101, 72.4023, 23.4451
YIQ	216.0670, 58.6460, -27.6100

Conversions

Conversions Part 2

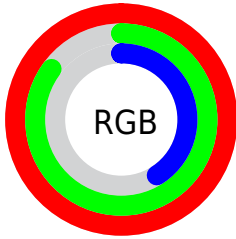
Format	Color
RYB	153, 255, 104
Decimal	16767592
CIELab	88.16, -0.01, 59.71
CIElCh	88, 59.715, 90.013
Yxy	72.4023, 0.4179, 0.4397
Android (android.graphics.Color)	4294957672 (0xFFFFDA68)
YUV	216.0670, -55.2490, 34.1442
Hunter-Lab	85.0895, -4.5575, 43.2263

Details

The Hex color **FFDA68** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **688DFF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF9E**, and **C3A332** is the 20% darker color. If you saturate the color by 10%, you get **FFD44F**, and if you desaturate by 10%, it is **FFE082**.

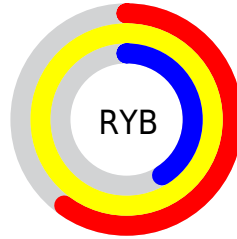
Distribution



Red (100%)

Green (85%)

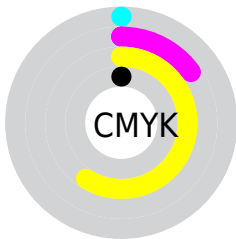
Blue (41%)



Red (60%)

Yellow (100%)

Blue (41%)

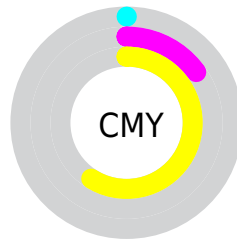


Cyan (0%)

Magenta (15%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDA68 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 FFDA68 by changing the saturation by 10% instead.

 FFDA68

 FFDA68

FFFFFF

 E1BE4D

 FFFF9E

 C3A332

 FFFFBA

 A68912

 FFFF7D

 897000

 FFFF4

 6E5800

 524100

 382B00

 1F1700

 000000

 FFDA68

 FFDA68

 FFD44F

 FFE082

 FFCE35

 FFE69B

 FFC71B

 FFEDB4

 FFC102

 FFF3CE

 FFC100

 FFF9E8

FFFFFF

Harmonies

Analogous

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



FFC57B



FFDA68



C5EB77

Triad

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



FFDA68



00F9FF



FFB9FF

Complementary

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



FFDA68



688DFF

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.



E1CEFF



FFDA68



00F2FF

Square

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



FFDA68



00FADB



78E3FF



FFAEDF

Rectangle

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



FFDA68



97F291



78E3FF



FFC0FF

Sweetspot

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



FFDA68



FFF4D1



FF688E



807963



000000



808080

Same Dimension

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



FFDA68



FFD34A



D9FF68



807C73



BF9000



403000

Inverse Universe

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



688DFF



4A76FF



8E68FF



737680



002FBF



001040

Previews

White Background



This preview shows how the Hex color FFDA68 looks on a white background.

Color Contrast Check

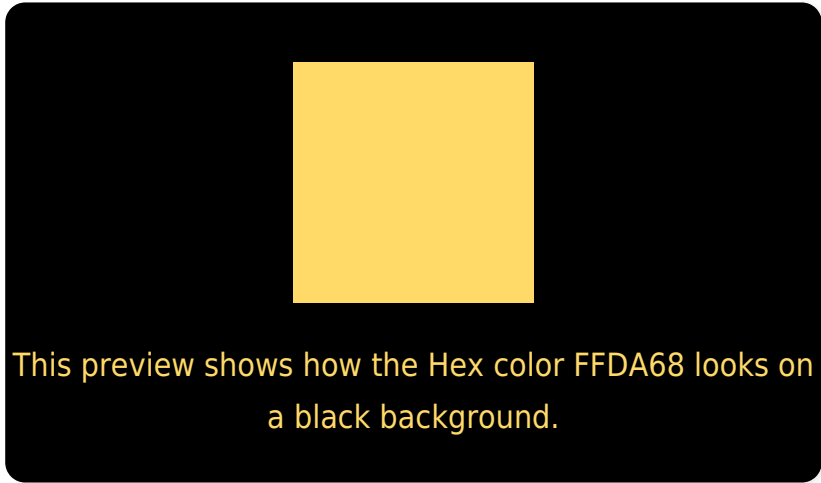
Large Text (above 18pt) WCAG AA × Fail

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 FFDA68 Background



This preview shows how black text looks on a background with the Hex color FFDA68.

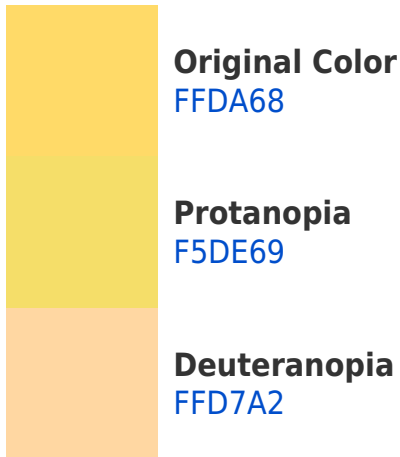


This preview shows how white text looks on a background with the Hex color FFDA68.

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](#).

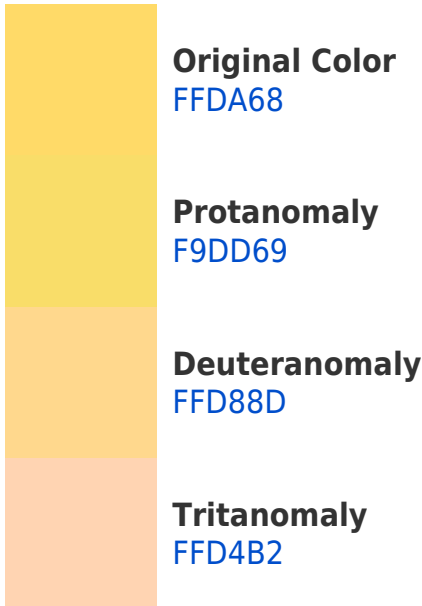
Dichromacy



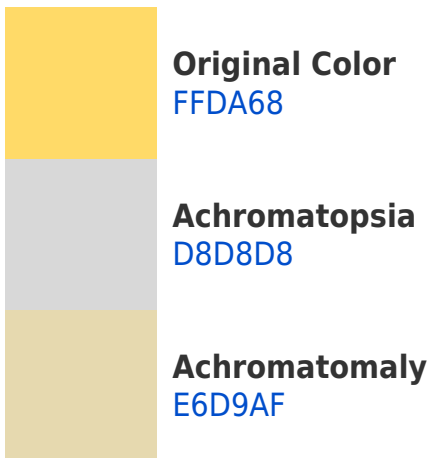


Tritanopia
FFD1DD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFDA68 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 #FFDA68 looks like.

```
.text, #text, p{  
    color:#FFDA68  
}
```

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 #FFDA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDA68
}
```

Border

The CSS property to change the border of an element to Hex FFDA68 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
#FFDA68 }
```

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

```
.border{ border-color:#FFDA68 }
```

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

Here you see how a box with a 4 pixel #FFDA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDA68; -webkit-box-shadow:4px 4px  
4px 4px #FFDA68; box-shadow:4px 4px 4px  
4px #FFDA68 }
```

Background

The CSS property to change the background color of an element to Hex FFDA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDA68 }
```

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

```
.background{ background-color:#FFDA68 }
```

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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