

Converting Colors

Hex(DDCF68)

Have a look what the booklet for
Hex(DDCF68) contains.

Hex(DDCF68)	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(DDCF68)

Conversions

Conversions Part 1

Format	Color
Hex	DDCF68
RGB	221, 207, 104
RGB Percent	87%, 81%, 41%
CMY	0.1333, 0.1882, 0.5922
CMYK	0.00, 0.06, 0.53, 0.13
HSL	53°, 63%, 64%
HSV	53°, 53%, 87%
XYZ	54.6303, 60.9973, 21.9910
YIQ	199.4440, 41.4070, -29.0650

Conversions

Conversions Part 2

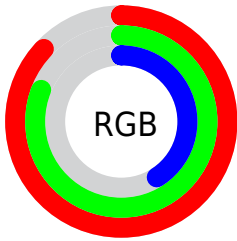
Format	Color
RYB	120, 221, 104
Decimal	14536552
CIELab	82.38, -8.32, 52.27
CIELCh	82, 52.931, 99.043
Yxy	60.9973, 0.3970, 0.4432
Android (android.graphics.Color)	4292726632 (0xFFDDCF68)
YUV	199.4440, -47.0539, 18.9046
Hunter-Lab	78.1008, -11.8182, 37.9761

Details

The Hex color **DDCF68** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6876DD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF9E**, and **A49934** is the 20% darker color. If you saturate the color by 10%, you get **DDCC52**, and if you desaturate by 10%, it is **DDD27E**.

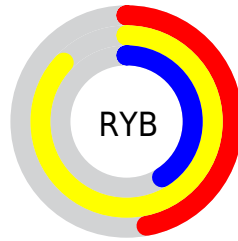
Distribution



Red (87%)

Green (81%)

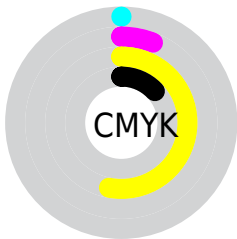
Blue (41%)



Red (47%)

Yellow (87%)

Blue (41%)

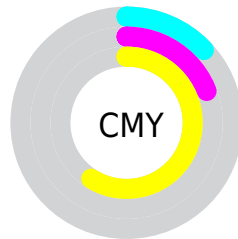


Cyan (0%)

Magenta (6%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDCF68 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 DDCF68 by changing the saturation by 10% instead.

 DDCF68

 DDCF68

FFFFFF

 C0B44E

 FFFF9E

 A49934

 FFFFB9

 887F17

 FFFFD6

 6C6600

 FFFFF3

 524E00

 383800

 1F2300

 000E00

 000000

 DDCF68

 DDCF68

 DDCC52

 DDD27E

 DDCA3C

 DDD494

 DDC726

 DDD7AA

 DDC410

 DDDAC0

 DDC300

 DDDCD7

 DDDFED

 DDE2FF

 DDE4FF

 DDE7FF

Harmonies

Analogous

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



FFBE70



DDCF68



A7DC7D

Triad

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



DDCF68



00E4FF



FFAAF2

Complementary

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



DDCF68



6876DD

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.



E5BAFF



DDCF68



00DCFF

Square

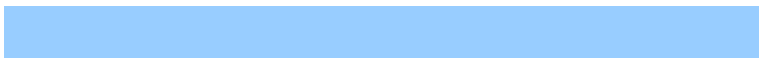
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDCF68



00E7DB



98CFFF



FFA4C0

Rectangle

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



DDCF68



7DE298



98CDFF



FFAEFF

Sweetspot

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



DDCF68



FFFAD6



DD6878



807D67



000000



808080

Same Dimension

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



DDCF68



FFEB5C



B2DD68



6E6C63



AD9900



2E2800

Inverse Universe

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



6876DD



5C6FFF



9368DD



63646E



0015AD



00052E

Previews

White Background



This preview shows how the Hex color DDCF68 looks on a white background.

Color Contrast Check

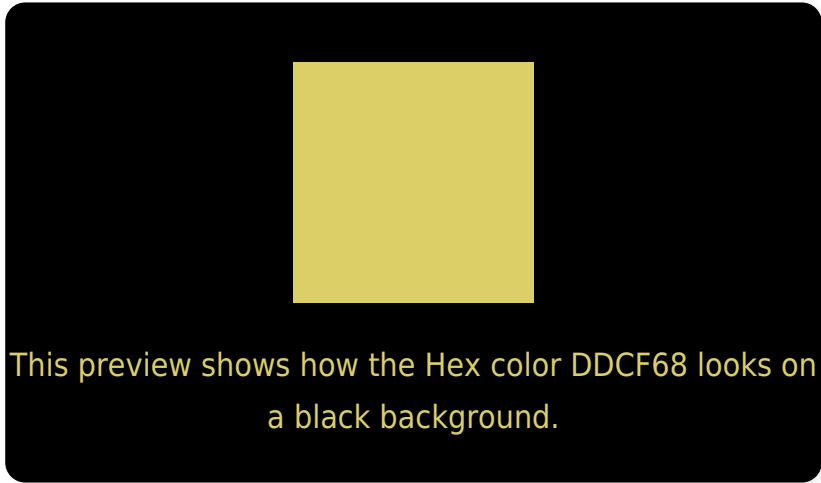
Large Text (above 18pt) WCAG AA × Fail

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 DDCF68 Background



This preview shows how black text looks on a background with the Hex color DDCF68.

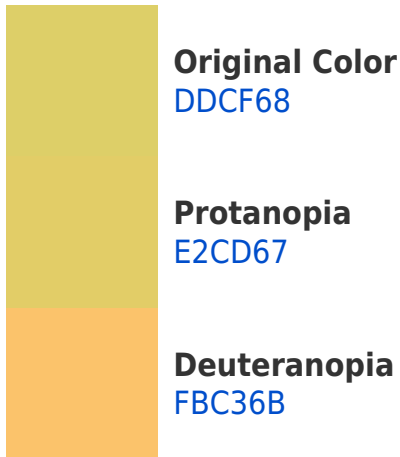


This preview shows how white text looks on a background with the Hex color DDCF68.

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](#).

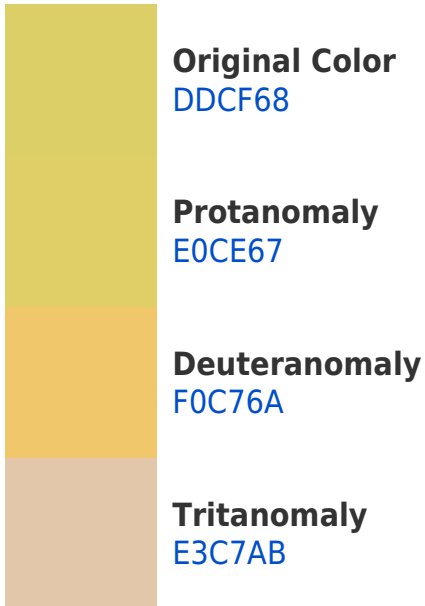
Dichromacy



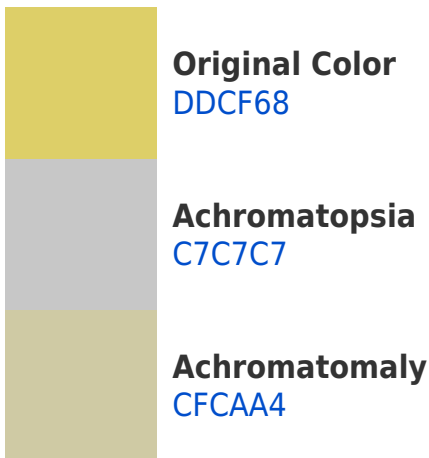


Tritanopia
E7C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDCF68 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 #DDCF68 looks like.

```
.text, #text, p{  
    color:#DDCF68  
}
```

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 #DDCF68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDCF68
}
```

Border

The CSS property to change the border of an element to Hex DDCF68 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
#DDCF68 }
```

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

```
.border{ border-color:#DDCF68 }
```

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

Here you see how a box with a 4 pixel #DDCF68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDCF68; -webkit-box-shadow:4px 4px  
4px 4px #DDCF68; box-shadow:4px 4px 4px  
4px #DDCF68 }
```

Background

The CSS property to change the background color of an element to Hex DDCF68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDCF68 }
```

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

```
.background{ background-color:#DDCF68 }
```

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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