

Converting Colors

Hex(DDCB68)

Have a look what the booklet for
Hex(DDCB68) contains.

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Color

Hex(DDCB68)

Conversions

Conversions Part 1

Format	Color
Hex	DDCB68
RGB	221, 203, 104
RGB Percent	87%, 80%, 41%
CMY	0.1333, 0.2039, 0.5922
CMYK	0.00, 0.08, 0.53, 0.13
HSL	51°, 63%, 64%
HSV	51°, 53%, 87%
XYZ	53.6734, 59.0835, 21.6721
YIQ	197.0960, 42.5070, -26.9730

Conversions

Conversions Part 2

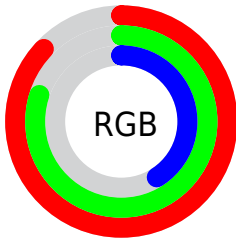
Format	Color
R_{YB}	125, 221, 104
Decimal	14535528
CIE Lab	81.34, -6.28, 51.05
CIE LCh	81, 51.435, 97.012
Yxy	59.0835, 0.3993, 0.4395
Android (android.graphics.Color)	4292725608 (0xFFDDCB68)
YUV	197.0960, -45.8963, 20.9638
Hunter-Lab	76.8658, -9.8731, 37.0894

Details

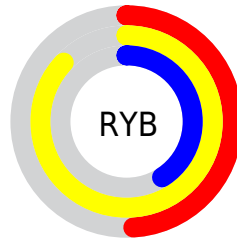
The Hex color **DDCB68** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **687ADD**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF99D**, and **A49534** is the 20% darker color. If you saturate the color by 10%, you get **DDC852**, and if you desaturate by 10%, it is **DDCE7E**.

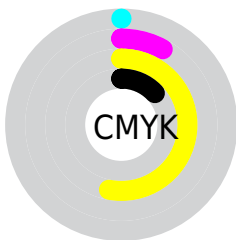
Distribution



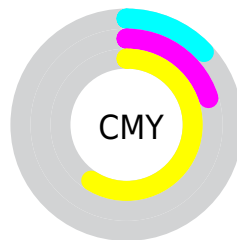
- Red (87%)
- Green (80%)
- Blue (41%)



- Red (49%)
- Yellow (87%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (53%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDCB68 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 DDCB68 by changing the saturation by 10% instead.

 DDCB68

 DDCB68

FFFFFF

 C0B04E

 FFFF9D

 A49534

 FFFF9D

 887B18

 FFFF9D

 6C6300

 FFFF9D

 524B00

 383500

 202000

 000900

 000000

 DDCB68

 DDCB68

 DDC852

 DDCE7E

 DDC43C

 DDD294

 DDC126

 DDD5AA

 DDBD10

 DDD9C0

 DDBB00

 DDDCD7

 DDDFED

 DDE3FF

 DDE6FF

 DDEAFF

Harmonies

Analogous

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



FFBA72



DDCB68



AAD87B

Triad

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



DDCB68



00E1FF



FFA9F1

Complementary

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



DDCB68



687ADD

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.



DDB9FF



DDCB68



00D9FF

Square

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



DDCB68



00E3D4



91CBFF



FFA3C0

Rectangle

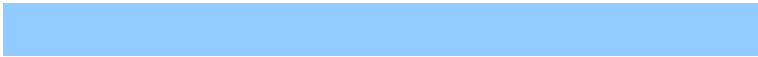
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDCB68



81DE94



91CBFF



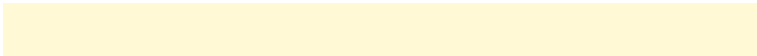
FFAEFF

Sweetspot

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



DDCB68



FFF9D6



DD687C



807C67



000000



808080

Same Dimension

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



DDCB68



FFE65C



B6DD68



6E6C63



AD9300



2E2700

Inverse Universe

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



687ADD



5C75FF



8F68DD



63646E



001BAD



00072E

Previews

White Background



This preview shows how the Hex color DDCB68 looks on a white background.

Color Contrast Check

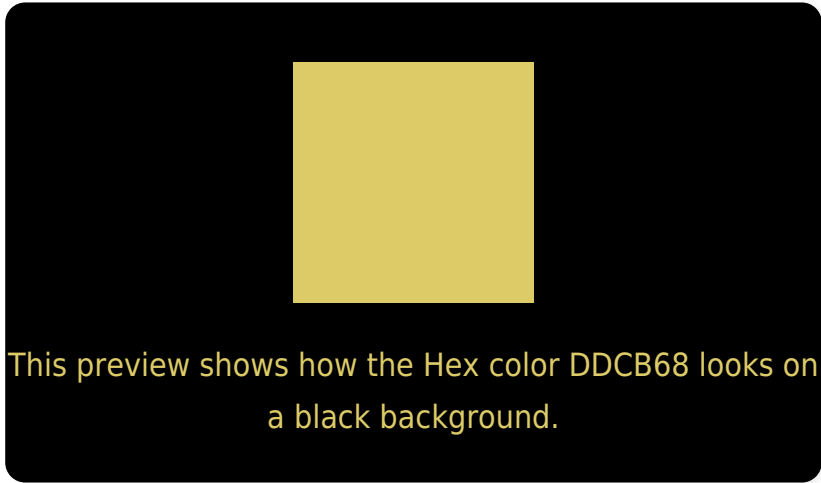
Large Text (above 18pt) WCAG AA × Fail

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 DDCB68 Background



This preview shows how black text looks on a background with the Hex color DDCB68.

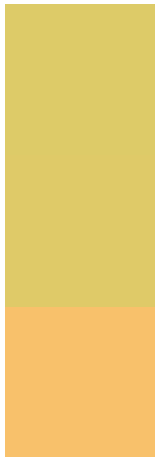


This preview shows how white text looks on a background with the Hex color DDCB68.

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
DDCB68

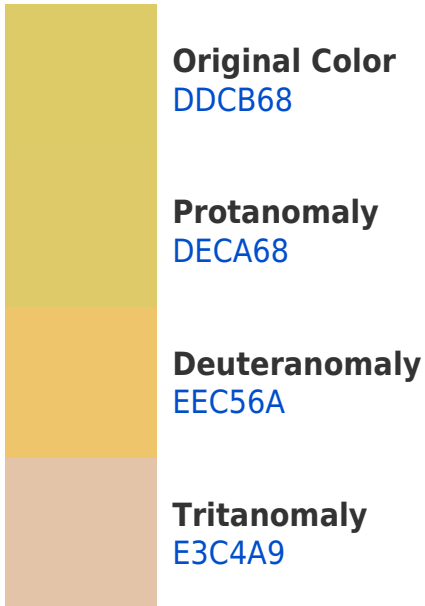
Protanopia
DFCA68

Deuteranopia
F8C16B

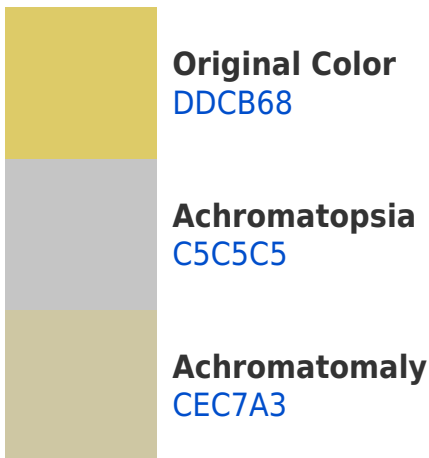


Tritanopia
E7C0CE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDCB68 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 #DDCB68 looks like.

```
.text, #text, p{  
    color:#DDCB68  
}
```

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 #DDCB68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDCB68
}
```

Border

The CSS property to change the border of an element to Hex DDCB68 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
#DDCB68 }
```

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

```
.border{ border-color:#DDCB68 }
```

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

Here you see how a box with a 4 pixel #DDCB68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDCB68; -webkit-box-shadow:4px 4px  
4px 4px #DDCB68; box-shadow:4px 4px 4px  
4px #DDCB68 }
```

Background

The CSS property to change the background color of an element to Hex DDCB68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDCB68 }
```

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

```
.background{ background-color:#DDCB68 }
```

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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