

Converting Colors

Hex(DBD72C)

Have a look what the booklet for
Hex(DBD72C) contains.

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Color

Hex(DBD72C)

Conversions

Conversions Part 1

Format	Color
Hex	DBD72C
RGB	219, 215, 44
RGB Percent	86%, 84%, 17%
CMY	0.1412, 0.1569, 0.8275
CMYK	0.00, 0.02, 0.80, 0.14
HSL	59°, 71%, 52%
HSV	59°, 80%, 86%
XYZ	53.9685, 63.8428, 11.8613
YIQ	196.7020, 57.2750, -52.3330

Conversions

Conversions Part 2

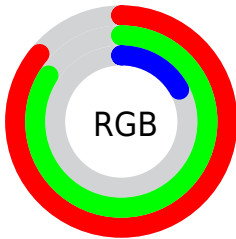
Format	Color
R _Y B	48, 219, 44
Decimal	14407468
CIE Lab	83.88, -16.50, 76.70
CIE LCh	84, 78.450, 102.140
Yxy	63.8428, 0.4162, 0.4923
Android (android.graphics.Color)	4292597548 (0xFFDBD72C)
YUV	196.7020, -75.2821, 19.5553
Hunter-Lab	79.9017, -19.2626, 47.1296

Details

The Hex color **DBD72C** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2C30DB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF6A**, and **A0A100** is the 20% darker color. If you saturate the color by 10%, you get **DBD616**, and if you desaturate by 10%, it is **DBD842**.

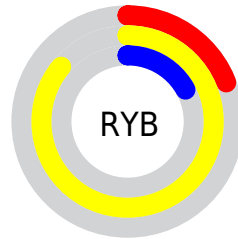
Distribution



Red (86%)

Green (84%)

Blue (17%)



Red (19%)

Yellow (86%)

Blue (17%)

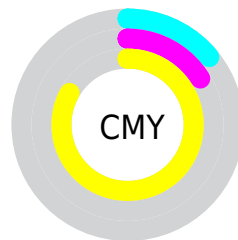


Cyan (0%)

Magenta (2%)

Yellow (80%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBD72C 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 DBD72C by changing the saturation by 10% instead.

 DBD72C

 DBD72C

FFFFFF

 BDBB00

 FFFF6A

 A0A100

 FFFF87

 838700

 FFFFA3

 676D00

 FFFF00

 4B5500

 FFFFDE

 303E00

 FFFFFB

 172800

 001600

 000000

 DBD72C

 DBD72C

 DBD616

 DBD842

 DBD600

 DBD858

 DBD96E

 DBD984

 DBDA9A

 DBDAAF

 DBDBC5

 DBDBDB

 DBDCF1

Harmonies

Analogous

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



FFBD3B



DBD72C



88E85C

Triad

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



DBD72C



00F1FF



FF93FF

Complementary

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



DBD72C



2C30DB

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.



FBB0FF



DBD72C



00E6FF

Square

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



DBD72C



00F5EE



74CFFF



FF8BB6

Rectangle

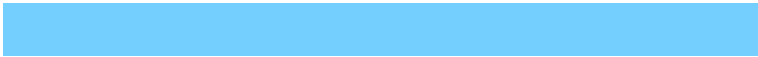
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBD72C



1AEF88



74CFFF



FF9BFF

Sweetspot

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



DBD72C



FFFE2



DB2C32



807F5B



000000



808080

Same Dimension

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



DBD72C



FFF90A



89DB2C



6E6D63



ADA900



2E2D00

Inverse Universe

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



2C30DB



0A10FF



7E2CDB



63636E



0004AD



00012E

Previews

White Background



This preview shows how the Hex color DBD72C looks on a white background.

Color Contrast Check

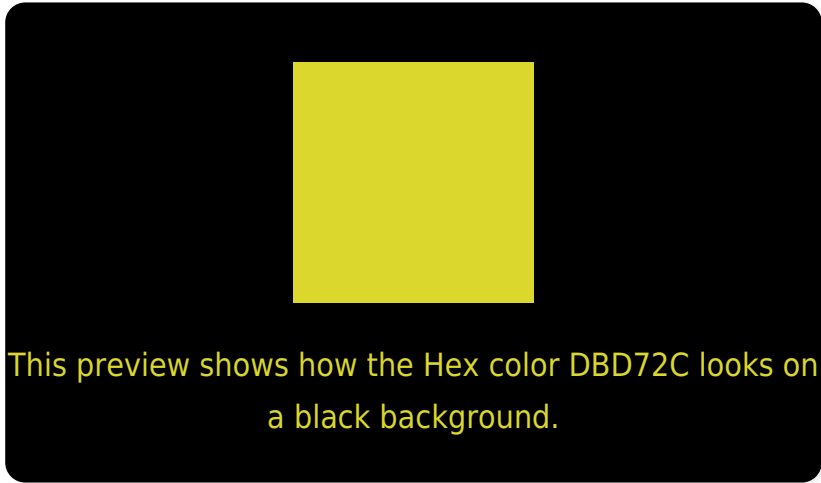
Large Text (above 18pt) WCAG AA × Fail

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 DBD72C Background



This preview shows how black text looks on a background with the Hex color DBD72C.

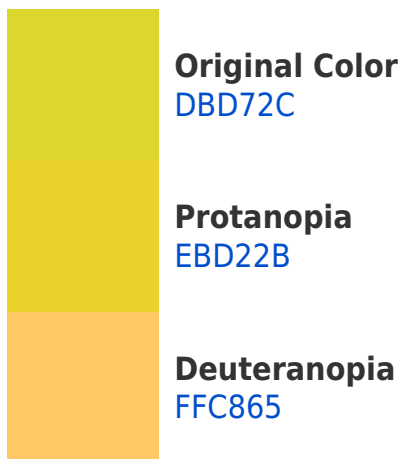


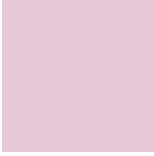
This preview shows how white text looks on a background with the Hex color DBD72C.

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](#).

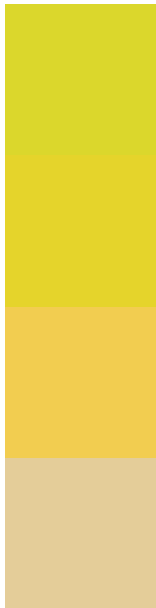
Dichromacy





Tritanopia
E9C8D8

Trichromacy



Original Color
DBD72C

Protanomaly
E5D42B

Deuteranomaly
F2CD50

Tritanomaly
E4CD99

Monochromacy



Original Color
DBD72C

Achromatopsia
C5C5C5

Achromatomaly
CDCC8D

CSS Examples

Text

The CSS property to change the color of the text to Hex DBD72C 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 #DBD72C looks like.

```
.text, #text, p{  
    color:#DBD72C  
}
```

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 #DBD72C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD72C
}
```

Border

The CSS property to change the border of an element to Hex DBD72C 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
#DBD72C }
```

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

```
.border{ border-color:#DBD72C }
```

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

Here you see how a box with a 4 pixel #DBD72C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD72C; -webkit-box-shadow:4px 4px  
4px 4px #DBD72C; box-shadow:4px 4px 4px  
4px #DBD72C }
```

Background

The CSS property to change the background color of an element to Hex DBD72C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD72C }
```

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

```
.background{ background-color:#DBD72C }
```

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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