

Converting Colors

Hex(DBC532)

Have a look what the booklet for
Hex(DBC532) contains.

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Color

Hex(DBC532)

Conversions

Conversions Part 1

Format	Color
Hex	DBC532
RGB	219, 197, 50
RGB Percent	86%, 77%, 20%
CMY	0.1412, 0.2275, 0.8039
CMYK	0.00, 0.10, 0.77, 0.14
HSL	52°, 70%, 53%
HSV	52°, 77%, 86%
XYZ	49.7554, 55.2229, 11.0543
YIQ	186.8200, 60.2990, -41.0530

Conversions

Conversions Part 2

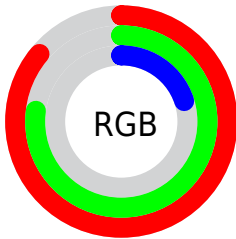
Format	Color
RYB	75, 219, 50
Decimal	14402866
CIELab	79.17, -7.25, 70.78
CIELCh	79, 71.154, 95.844
Yxy	55.2229, 0.4288, 0.4759
Android (android.graphics.Color)	4292592946 (0xFFDBC532)
YUV	186.8200, -67.4523, 28.2219
Hunter-Lab	74.3121, -10.5321, 43.1988

Details

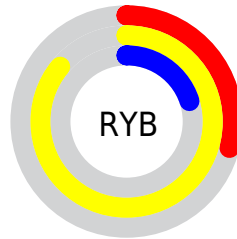
The Hex color **DBC532** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3248DB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFD6C**, and **A09000** is the 20% darker color. If you saturate the color by 10%, you get **DBC21C**, and if you desaturate by 10%, it is **DBC848**.

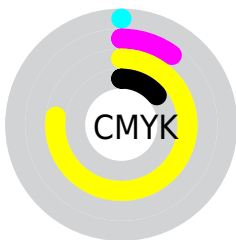
Distribution



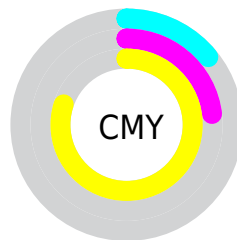
- Red (86%)
- Green (77%)
- Blue (20%)



- Red (29%)
- Yellow (86%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (77%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBC532 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 DBC532 by changing the saturation by 10% instead.

 DBC532

 DBC532

FFFFFF

 BDAA08

 FFFD6C

 A09000

 FFFF88

 837600

 FFFFA4

 675E00

 FFFFC1

 4C4700

 FFFFDE

 313000

 FFFFFB

 191C00

 000000

 DBC532

 DBC532

 DBC21C

 DBC848

 DBBF06

 DBCB5E

 DBBE00

 DBCE74

 DBD08A

 DBD3A0

 DBD6B5

 DBD9CB

 DBDCE1

 DBDFF7

Harmonies

Analogous

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



FFAD47



DBC532



96D651

Triad

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



DBC532



00E2FF



FF92FC

Complementary

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



DBC532



3248DB

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.



D8ADFF



DBC532



00D9FF

Square

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



DBC532



00E4D0



48C7FF



FF86BA

Rectangle

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



DBC532



55DE76



48C7FF



FF9AFF

Sweetspot

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



DBC532



FFF7C4



DB3249



807B5C



000000



808080

Same Dimension

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



DBC532



FFE012



9DDB32



6E6C63



AD9700



2E2800

Inverse Universe

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



3248DB



1231FF



7032DB



63646E



0017AD



00062E

Previews

White Background



This preview shows how the Hex color DBC532 looks on a white background.

Color Contrast Check

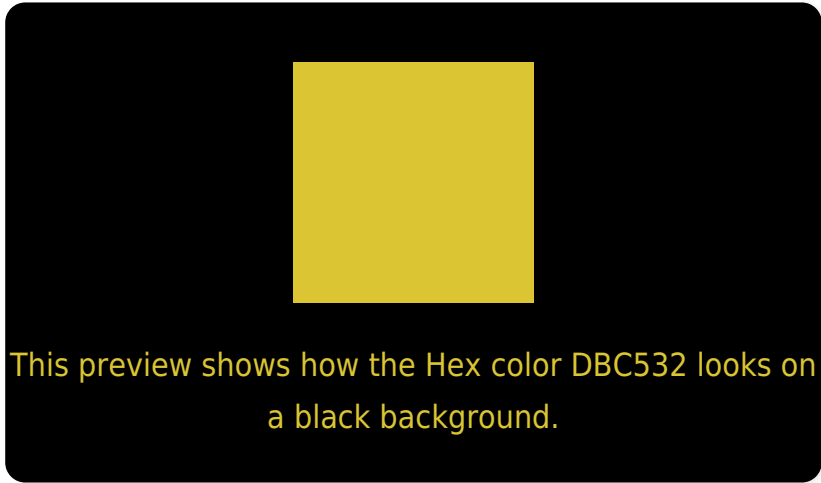
Large Text (above 18pt) WCAG AA × Fail

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 DBC532 Background



This preview shows how black text looks on a background with the Hex color DBC532.



This preview shows how white text looks on a background with the Hex color DBC532.

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
DBC532

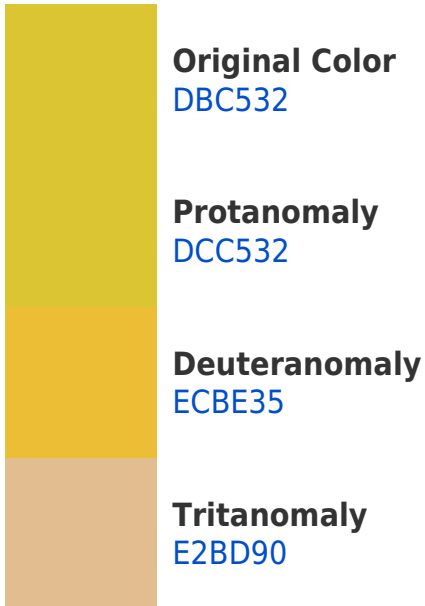
Protanopia
DCC532

Deuteranopia
F6BA37



Tritanopia
E6B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBC532 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 #DBC532 looks like.

```
.text, #text, p{  
    color:#DBC532  
}
```

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 #DBC532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC532
}
```

Border

The CSS property to change the border of an element to Hex DBC532 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
#DBC532 }
```

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

```
.border{ border-color:#DBC532 }
```

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

Here you see how a box with a 4 pixel #DBC532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC532; -webkit-box-shadow:4px 4px  
4px 4px #DBC532; box-shadow:4px 4px 4px  
4px #DBC532 }
```

Background

The CSS property to change the background color of an element to Hex DBC532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC532 }
```

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

```
.background{ background-color:#DBC532 }
```

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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