

Converting Colors

Hex(DBCB51)

Have a look what the booklet for
Hex(DBCB51) contains.

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Color

Hex(DBCB51)

Conversions

Conversions Part 1

Format	Color
Hex	DBC51
RGB	219, 203, 81
RGB Percent	86%, 80%, 32%
CMY	0.1412, 0.2039, 0.6824
CMYK	0.00, 0.07, 0.63, 0.14
HSL	53°, 66%, 59%
HSV	53°, 63%, 86%
XYZ	52.0546, 58.3660, 16.3068
YIQ	193.8760, 48.6980, -34.5500

Conversions

Conversions Part 2

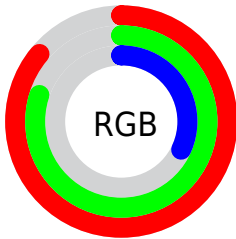
Format	Color
RYB	99, 219, 81
Decimal	14404433
CIELab	80.94, -8.77, 60.93
CIELCh	81, 61.559, 98.192
Yxy	58.3660, 0.4108, 0.4606
Android (android.graphics.Color)	4292594513 (0xFFDBCB51)
YUV	193.8760, -55.6479, 22.0337
Hunter-Lab	76.3977, -12.0726, 40.8231

Details

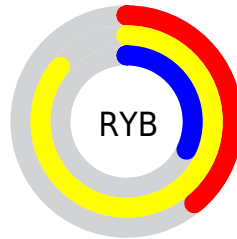
The Hex color **DBC51** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5161DB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF87**, and **A19516** is the 20% darker color. If you saturate the color by 10%, you get **DBC83B**, and if you desaturate by 10%, it is **DBCE67**.

Distribution



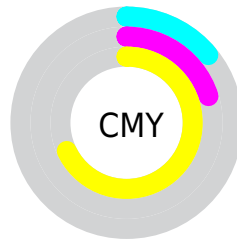
- Red (86%)
- Green (80%)
- Blue (32%)



- Red (39%)
- Yellow (86%)
- Blue (32%)



- Cyan (0%)
- Magenta (7%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBCB51 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 DBCB51 by changing the saturation by 10% instead.

 DBCB51

 DBCB51

FFFFFF

 BEB035

 FFFF87

 A19516

 FFFFA3

 857C00

 FFFFBF

 696300

 FFFFDC

 4E4B00

 FFFFF9

 343500

 1B2000

 000600

 000000

 DBCB51

 DBCB51

 DBC83B

 DBCE67

 DBC625

 DBD07D

 DBC30F

 DBD393

 DBC200

 DBD5A9

 DBD8BF

 DBDAD4

 DBDDEA

 DBDFFF

 DBE2FF

Harmonies

Analogous

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



FFB75D



DBC51



9DDA6A

Triad

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



DBC51



00E4FF



FF9EF5

Complementary

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



DBC51



5161DB

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.



E2B3FF



DBC51



00DAFF

Square

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



DBC51



00E6D8



7FCAFF



FF97BB

Rectangle

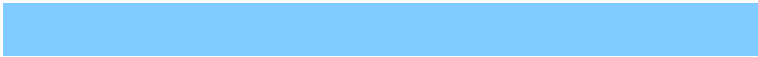
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBC51



69E08A



7FCAFF



FFA5FF

Sweetspot

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



DBC51



FFF9CF



DB5161



807C62



000000



808080

Same Dimension

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



DBC51



FFE93D



A6DB51



6E6C63



AD9900



2E2900

Inverse Universe

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



5161DB



3D54FF



8651DB



63646E



0014AD



00052E

Previews

White Background



This preview shows how the Hex color DBCB51 looks on a white background.

Color Contrast Check

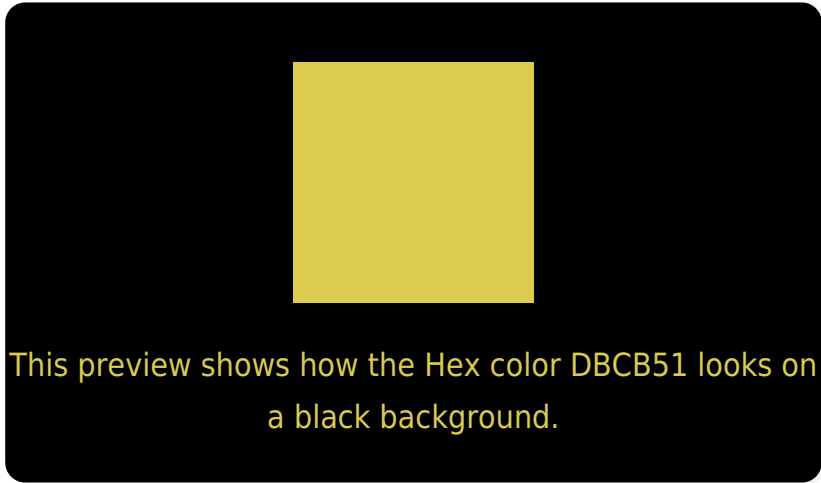
Large Text (above 18pt) WCAG AA × Fail

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 DBCB51 Background



This preview shows how black text looks on a background with the Hex color DBCB51.



This preview shows how white text looks on a background with the Hex color DBCB51.

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
DBC51

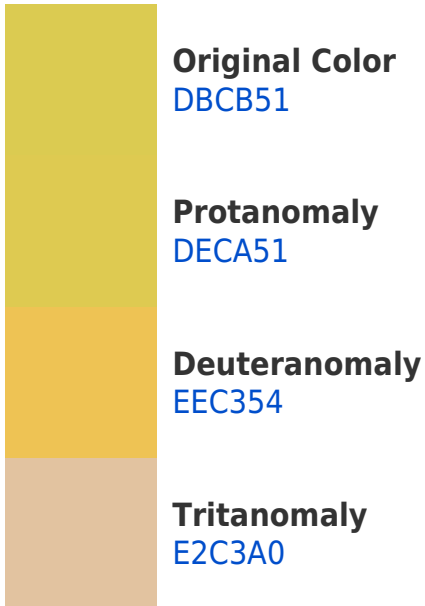
Protanopia
E0C951

Deuteranopia
F9BF55

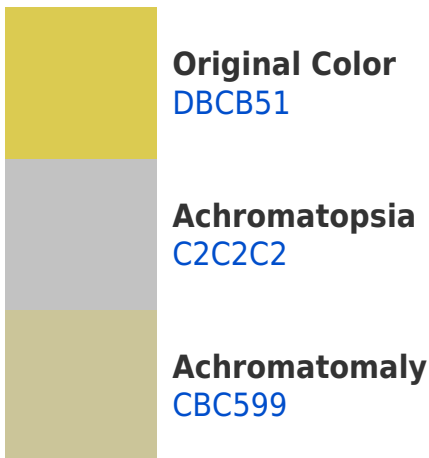


Tritanopia
E6BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBCB51 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 #DBCB51 looks like.

```
.text, #text, p{  
    color:#DBCB51  
}
```

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 #DBC51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC51
}
```

Border

The CSS property to change the border of an element to Hex DBC51 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
#DBC51 }
```

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

```
.border{ border-color:#DBC51 }
```

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

Here you see how a box with a 4 pixel #DBC51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC51; -webkit-box-shadow:4px 4px  
4px 4px #DBC51; box-shadow:4px 4px 4px  
4px #DBC51 }
```

Background

The CSS property to change the background color of an element to Hex DBCB51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC51 }
```

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

```
.background{ background-color:#DBC51 }
```

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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