

Converting Colors

Hex(DBC174)

Have a look what the booklet for
Hex(DBC174) contains.

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Color

Hex(DBC174)

Conversions

Conversions Part 1

Format	Color
Hex	DBC174
RGB	219, 193, 116
RGB Percent	86%, 76%, 45%
CMY	0.1412, 0.2431, 0.5451
CMYK	0.00, 0.12, 0.47, 0.14
HSL	45°, 59%, 66%
HSV	45°, 47%, 86%
XYZ	51.4358, 54.4610, 24.3241
YIQ	191.9960, 40.2130, -18.4350

Conversions

Conversions Part 2

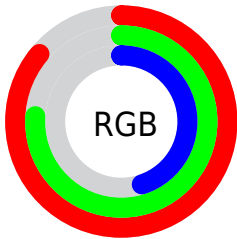
Format	Color
RYB	151, 219, 116
Decimal	14401908
CIELab	78.73, -0.86, 41.97
CIELCh	79, 41.982, 91.179
Yxy	54.4610, 0.3950, 0.4182
Android (android.graphics.Color)	4292591988 (0xFFDBC174)
YUV	191.9960, -37.4660, 23.6825
Hunter-Lab	73.7977, -4.7343, 32.1161

Details

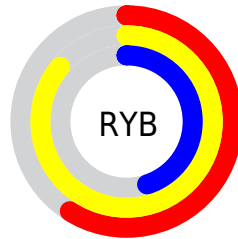
The Hex color **DBC174** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **748EDB**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF9A9**, and **A28C42** is the 20% darker color. If you saturate the color by 10%, you get **DBBB5E**, and if you desaturate by 10%, it is **DBC78A**.

Distribution



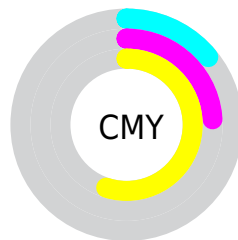
- Red (86%)
- Green (76%)
- Blue (45%)



- Red (59%)
- Yellow (86%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBC174 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 DBC174 by changing the saturation by 10% instead.

 DBC174

 DBC174

FFFFFF

 BEA65A

 FFF9A9

 A28C42

 FFFFC5

 867229

 FFFFE1

 6C5A0F

FFFFFFE

 524300

 382D00

 201900

 000000

 DBC174

 DBC174

 DBBB5E

 DBC78A

 DBB648

 DBCCA0

 DBB032

 DBD2B6

 DBAB1C

 DBD7CC

 DBA507

 DBDDE2

 DBA400

 DBE2F7

 DBE8FF

 DBEDFF

 DBF3FF

Harmonies

Analogous

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



FBB37F



DBC174



B2CD7F

Triad

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



DBC174



10D7EA



F5ABE9

Complementary

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



DBC174



748EDB

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.



C9B8FF



DBC174



45D1FF

Square

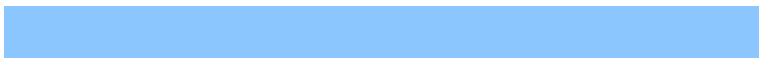
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBC174



4DD8C3



8CC6FF



FFA4C3

Rectangle

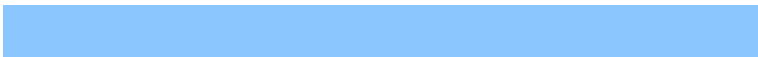
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBC174



94D291



8CC6FF



E9AFF4

Sweetspot

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



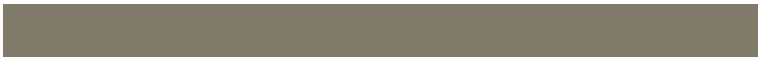
DBC174



FFF6DB



DB748F



807A6A



000000



808080

Same Dimension

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



DBC174



FFDB70



C3DB74



6E6B63



AD8200



2E2200

Inverse Universe

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



748EDB



7094FF



8C74DB



63656E



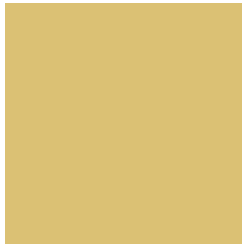
002CAD



000C2E

Previews

White Background



This preview shows how the Hex color DBC174 looks on a white background.

Color Contrast Check

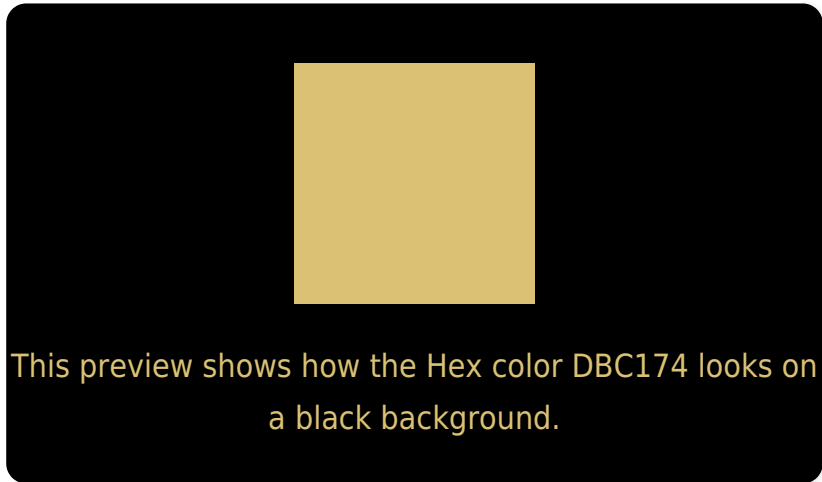
Large Text (above 18pt) WCAG AA × Fail

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

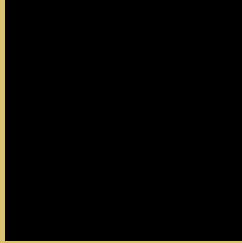
Any Text WCAG AA ✓ Pass

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 DBC174 Background



This preview shows how black text looks on a background with the Hex color DBC174.

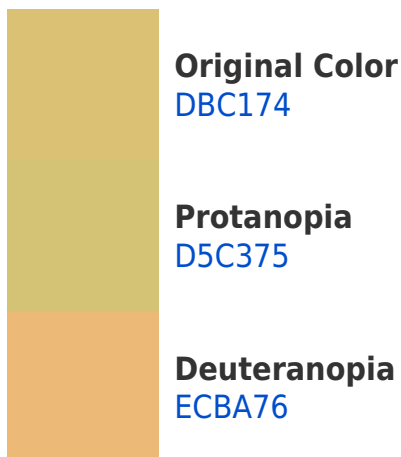


This preview shows how white text looks on a background with the Hex color DBC174.

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](#).

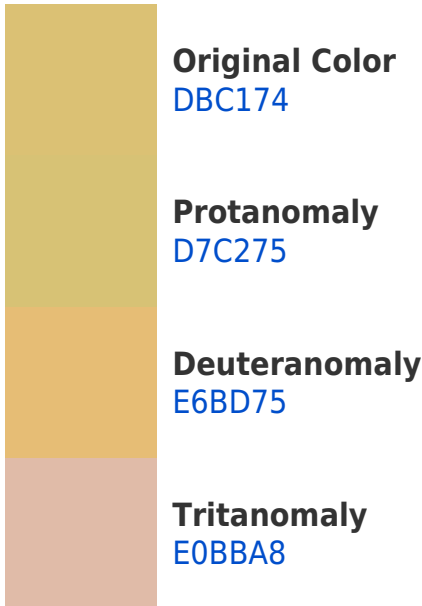
Dichromacy



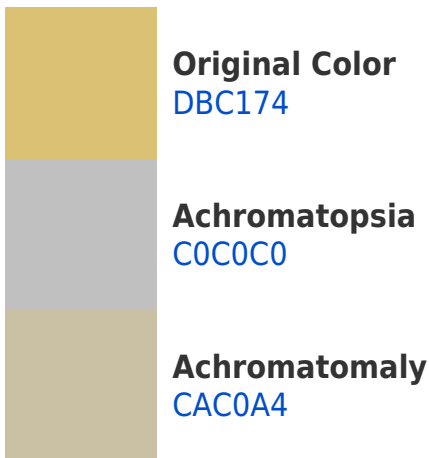


Tritanopia
E3B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBC174 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 #DBC174 looks like.

```
.text, #text, p{  
    color:#DBC174  
}
```

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 #DBC174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC174
}
```

Border

The CSS property to change the border of an element to Hex DBC174 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
#DBC174 }
```

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

```
.border{ border-color:#DBC174 }
```

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

Here you see how a box with a 4 pixel #DBC174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC174; -webkit-box-shadow:4px 4px  
4px 4px #DBC174; box-shadow:4px 4px 4px  
4px #DBC174 }
```

Background

The CSS property to change the background color of an element to Hex DBC174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC174 }
```

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

```
.background{ background-color:#DBC174 }
```

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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