

Converting Colors

Hex(DCBC62)

Have a look what the booklet for
Hex(DCBC62) contains.

Hex(DCBC62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DCBC62)

Conversions

Conversions Part 1

Format	Color
Hex	DCBC62
RGB	220, 188, 98
RGB Percent	86%, 74%, 38%
CMY	0.1373, 0.2627, 0.6157
CMYK	0.00, 0.15, 0.55, 0.14
HSL	44°, 64%, 62%
HSV	44°, 55%, 86%
XYZ	49.7030, 52.0639, 18.9850
YIQ	187.3080, 47.9620, -21.2060

Conversions

Conversions Part 2

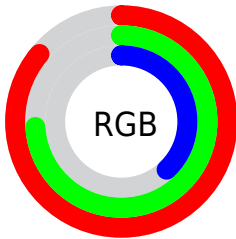
Format	Color
RYB	141, 220, 98
Decimal	14466146
CIELab	77.32, 0.59, 49.16
CIELCh	77, 49.166, 89.313
Yxy	52.0639, 0.4116, 0.4312
Android (android.graphics.Color)	4292656226 (0xFFDCBC62)
YUV	187.3080, -44.0288, 28.6709
Hunter-Lab	72.1553, -3.3150, 34.9088

Details

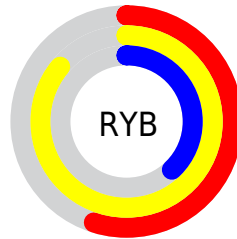
The Hex color **DCBC62** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6282DC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF497**, and **A2872F** is the 20% darker color. If you saturate the color by 10%, you get **DCB64C**, and if you desaturate by 10%, it is **DCC278**.

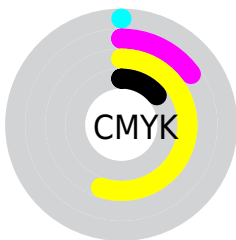
Distribution



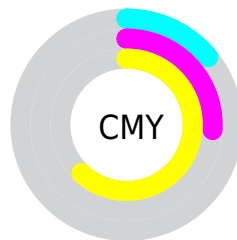
- Red (86%)
- Green (74%)
- Blue (38%)



- Red (55%)
- Yellow (86%)
- Blue (38%)



- Cyan (0%)
- Magenta (15%)
- Yellow (55%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCBC62 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 DCBC62 by changing the saturation by 10% instead.

 DCBC62

 DCBC62

FFFFFF

 BFA148

 FFF497

 A2872F

 FFFFFB2

 866E13


 FFFFCE

 6B5600

 FFFFFEB

 513F00

 362900

 1E1500

 000000

 DCBC62

 DCBC62

 DCB64C

 DCC278

 DCB036

 DCC88E

 DCAB20

 DCCDA4

 DCA50A

 DCD3BA

 DCA200

 DCD9D0

 DCDFE6

 DCE4FC

 DCEAFF

 DCF0FF

Harmonies

Analogous

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



FFAC72



DCBC62



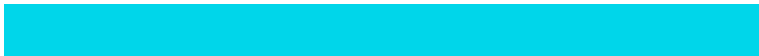
AECA6D

Triad

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



DCBC62



00D6EA



F7A3EE

Complementary

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



DCBC62



6282DC

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.



C1B4FF



DCBC62



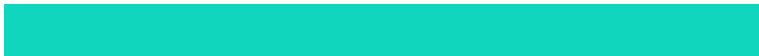
00D0FF

Square

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



DCBC62



0FD6BC



72C4FF



FF9AC2

Rectangle

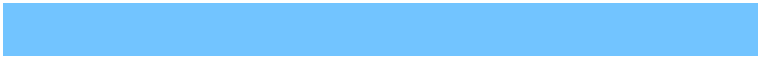
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCBC62



8AD082



72C4FF



E8A8FB

Sweetspot

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



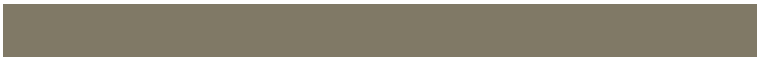
DCBC62



FFF4D4



DC6283



807966



000000



808080

Same Dimension

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



DCBC62



FFD254



C0DC62



6E6B63



AD8000



2E2200

Inverse Universe

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



6282DC



5481FF



7E62DC



63666E



002DAD



000C2E

Previews

White Background



This preview shows how the Hex color DCBC62 looks on a white background.

Color Contrast Check

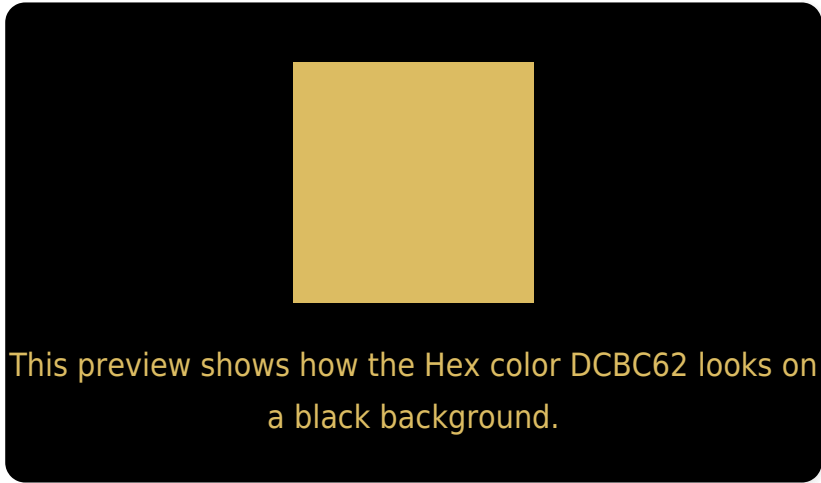
Large Text (above 18pt) WCAG AA × Fail

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 DCBC62 Background



This preview shows how black text looks on a background with the Hex color DCBC62.



This preview shows how white text looks on a background with the Hex color DCBC62.

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
DCBC62

Protanopia
D3BF63

Deuteranopia
EBB663



Tritanopia
E4B2BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCBC62 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 #DCBC62 looks like.

```
.text, #text, p{  
    color:#DCBC62  
}
```

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 #DCBC62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCBC62
}
```

Border

The CSS property to change the border of an element to Hex DCBC62 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
#DCBC62 }
```

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

```
.border{ border-color:#DCBC62 }
```

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

Here you see how a box with a 4 pixel #DCBC62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCBC62; -webkit-box-shadow:4px 4px  
4px 4px #DCBC62; box-shadow:4px 4px 4px  
4px #DCBC62 }
```

Background

The CSS property to change the background color of an element to Hex DCBC62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCBC62 }
```

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

```
.background{ background-color:#DCBC62 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor