

Converting Colors

Hex(DCB761)

Have a look what the booklet for
Hex(DCB761) contains.

Hex(DCB761)	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(DCB761)

Conversions

Conversions Part 1

Format	Color
Hex	DCB761
RGB	220, 183, 97
RGB Percent	86%, 72%, 38%
CMY	0.1373, 0.2824, 0.6196
CMYK	0.00, 0.17, 0.56, 0.14
HSL	42°, 64%, 62%
HSV	42°, 56%, 86%
XYZ	48.6064, 49.9457, 18.3879
YIQ	184.2590, 49.6580, -18.9020

Conversions

Conversions Part 2

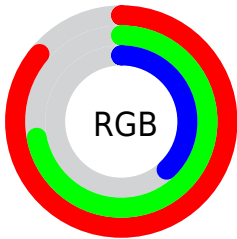
Format	Color
RYB	150, 220, 97
Decimal	14464865
CIELab	76.04, 3.14, 48.13
CIELCh	76, 48.236, 86.273
Yxy	49.9457, 0.4157, 0.4271
Android (android.graphics.Color)	4292654945 (0xFFDCB761)
YUV	184.2590, -43.0187, 31.3449
Hunter-Lab	70.6723, -0.9093, 34.0442

Details

The Hex color **DCB761** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6186DC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEF96**, and **A2822E** is the 20% darker color. If you saturate the color by 10%, you get **DCB04B**, and if you desaturate by 10%, it is **DCBE77**.

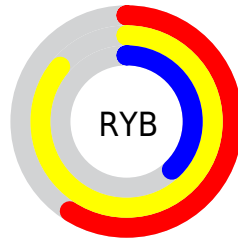
Distribution



Red (86%)

Green (72%)

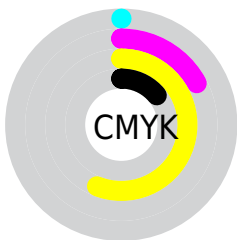
Blue (38%)



Red (59%)

Yellow (86%)

Blue (38%)

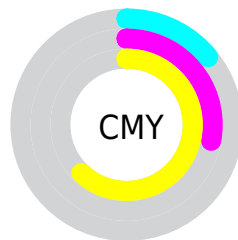


Cyan (0%)

Magenta (17%)

Yellow (56%)

Black (14%)



Cyan (14%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCB761 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 DCB761 by changing the saturation by 10% instead.

 DCB761

 DCB761

FFFFFF

 BF9C48

 FFEF96

 A2822E

 FFFFB1

 866913

 FFFFCD

 6B5100

 FFFFEA

 503B00

 362500

 1E1100

 000000

 DCB761

 DCB761

 DCB04B

 DCBE77

 DCAA35

 DCC48D

 DCA31F

 DCCBA3

 DC9D09

 DCD1B9

 DC9A00

 DCD8CF

 DCDFE5

 DCE5FB

 DCECFE

 DCF3FF

Harmonies

Analogous

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



FEA773



DCB761



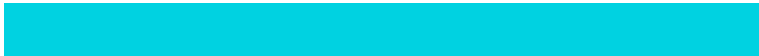
AFC569

Triad

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



DCB761



00D2E1



EEA1EE

Complementary

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



DCB761



6186DC

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.



B7B2FF



DCB761



00CDFF

Square

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



DCB761



27D2B4



66C2FF



FF98C3

Rectangle

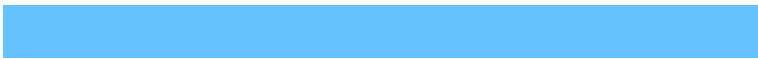
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCB761



8DCB7C



66C2FF



DEA7F9

Sweetspot

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



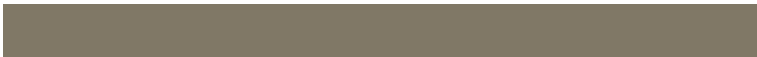
DCB761



FFF2D4



DC6188



807866



000000



808080

Same Dimension

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



DCB761



FFCC54



C5DC61



6E6A63



AD7900



2E2000

Inverse Universe

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



6186DC



5488FF



7861DC



63666E



0034AD



000E2E

Previews

White Background



This preview shows how the Hex color DCB761 looks on a white background.

Color Contrast Check

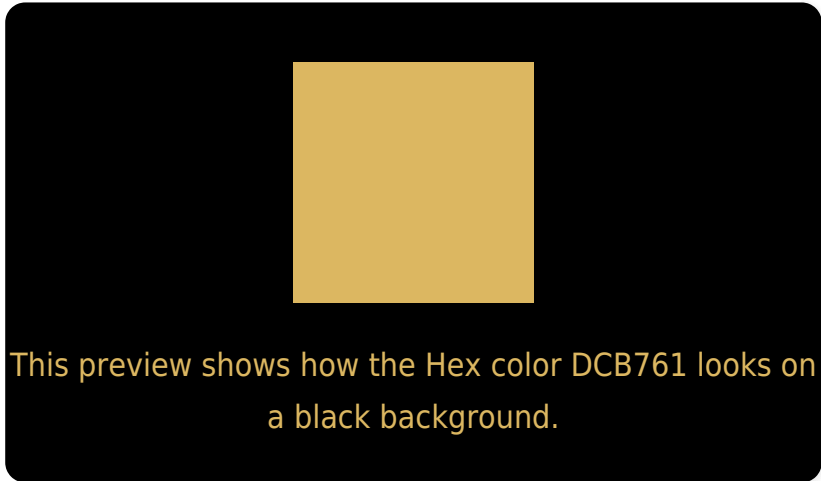
Large Text (above 18pt) WCAG AA × Fail

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 DCB761 Background



This preview shows how black text looks on a background with the Hex color DCB761.



This preview shows how white text looks on a background with the Hex color DCB761.

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](#).

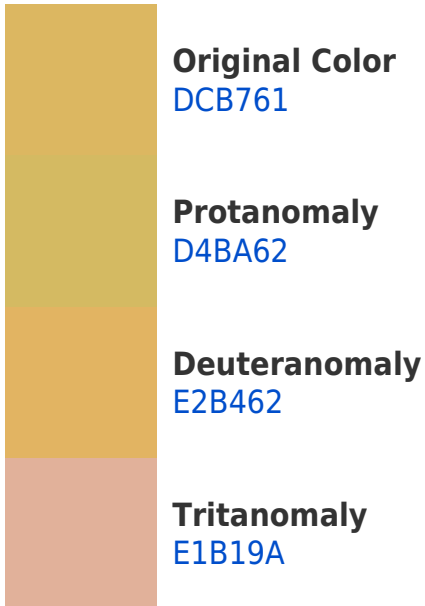
Dichromacy



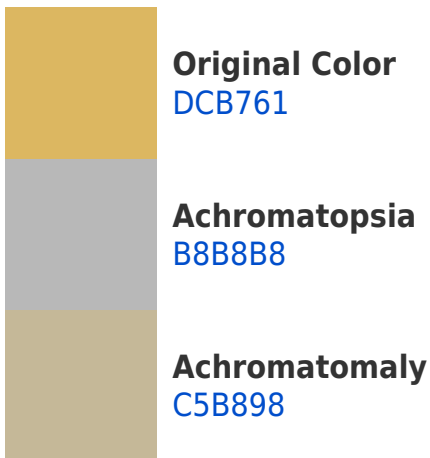


Tritanopia
E4ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCB761 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 #DCB761 looks like.

```
.text, #text, p{  
    color:#DCB761  
}
```

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 #DCB761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB761
}
```

Border

The CSS property to change the border of an element to Hex DCB761 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
#DCB761 }
```

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

```
.border{ border-color:#DCB761 }
```

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

Here you see how a box with a 4 pixel #DCB761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB761; -webkit-box-shadow:4px 4px  
4px 4px #DCB761; box-shadow:4px 4px 4px  
4px #DCB761 }
```

Background

The CSS property to change the background color of an element to Hex DCB761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB761 }
```

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

```
.background{ background-color:#DCB761 }
```

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