

Converting Colors

Hex(DCC46D)

Have a look what the booklet for
Hex(DCC46D) contains.

Hex(DCC46D)	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(DCC46D)

Conversions

Conversions Part 1

Format	Color
Hex	DCC46D
RGB	220, 196, 109
RGB Percent	86%, 77%, 43%
CMY	0.1373, 0.2314, 0.5725
CMYK	0.00, 0.11, 0.50, 0.14
HSL	47°, 61%, 65%
HSV	47°, 50%, 86%
XYZ	52.0154, 55.7996, 22.4969
YIQ	193.2580, 42.2310, -21.9690

Conversions

Conversions Part 2

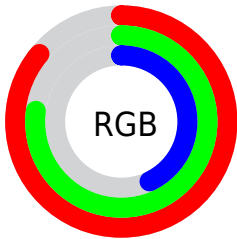
Format	Color
RYB	140, 220, 109
Decimal	14468205
CIELab	79.50, -2.66, 46.42
CIElCh	79, 46.494, 93.276
Yxy	55.7996, 0.3992, 0.4282
Android (android.graphics.Color)	4292658285 (0xFFDCC46D)
YUV	193.2580, -41.5392, 23.4527
Hunter-Lab	74.6991, -6.4282, 34.4332

Details

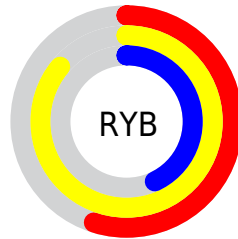
The Hex color **DCC46D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D85DC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFCA2**, and **A38F3A** is the 20% darker color. If you saturate the color by 10%, you get **DCBF57**, and if you desaturate by 10%, it is **DCC983**.

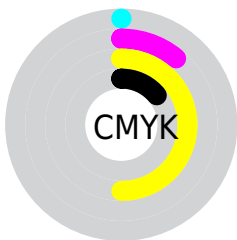
Distribution



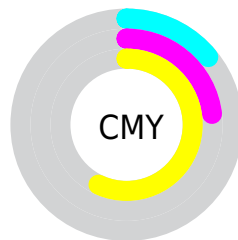
- Red (86%)
- Green (77%)
- Blue (43%)



- Red (55%)
- Yellow (86%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (50%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCC46D 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 DCC46D by changing the saturation by 10% instead.

 DCC46D

FFFFFF

 FFFCA2

 FFFFBE

 FFFFDA

 FFFFF7

 DCC46D

 DCC46D

 BFA953

 A38F3A

 877521

 6C5D02

 524500

 382F00

 201B00

 000000

 DCC46D

 DCBF57

 DCC983

 DCBA41

 DCCE99

 DCB62B

 DCD2AF

 DCB115

 DCD7C5

 DCAC00

 DCDCDB

 DCE1F1

 DCE5FF

 DCEAFF

 DCEFFF

Harmonies

Analogous

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



FFB578



DCC46D



AED07B

Triad

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



DCC46D



00DAF3



FFA9ED

Complementary

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



DCC46D



6D85DC

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.



D0B8FF



DCC46D



24D4FF

Square

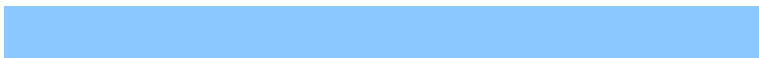
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCC46D



2CDCC8



8BC8FF



FFA2C2

Rectangle

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



DCC46D



8CD690



8BC8FF



F2ADF9

Sweetspot

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



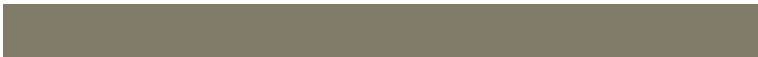
DCC46D



FFF7D9



DC6D85



807B69



000000



808080

Same Dimension

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



DCC46D



FFDD63



BDDC6D



6E6B63



AD8800



2E2400

Inverse Universe

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



6D85DC



6385FF



8C6DDC



63656E



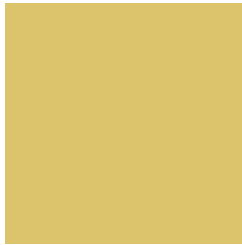
0025AD



000A2E

Previews

White Background



This preview shows how the Hex color DCC46D looks on a white background.

Color Contrast Check

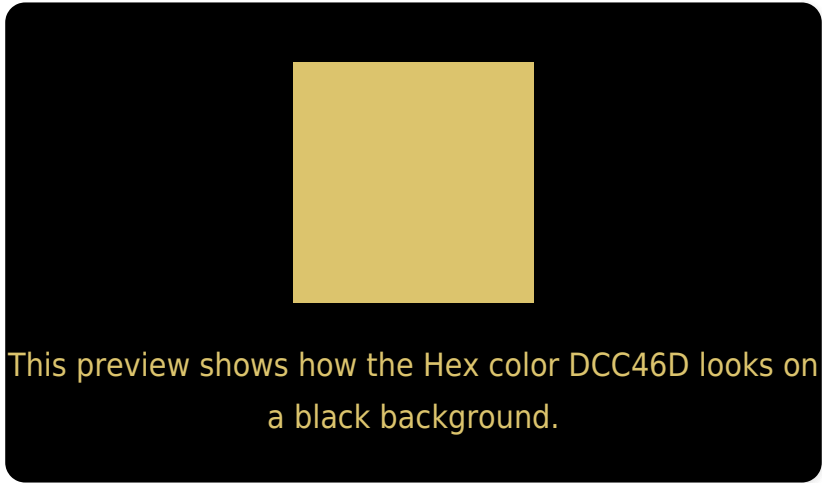
Large Text (above 18pt) WCAG AA × Fail

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 DCC46D Background



This preview shows how black text looks on a background with the Hex color DCC46D.

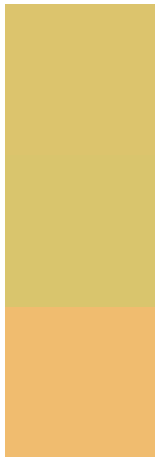


This preview shows how white text looks on a background with the Hex color DCC46D.

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
DCC46D

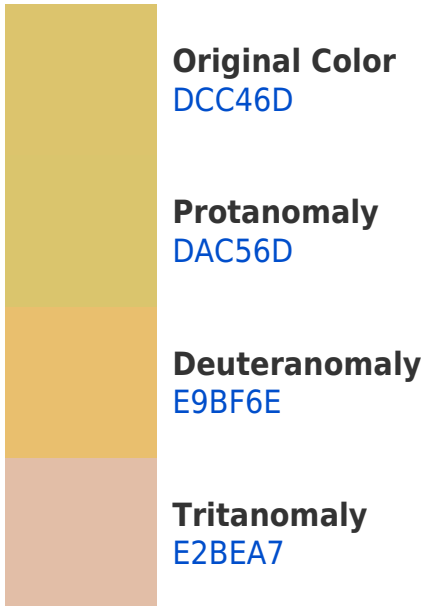
Protanopia
D9C56D

Deuteranopia
F0BC6F

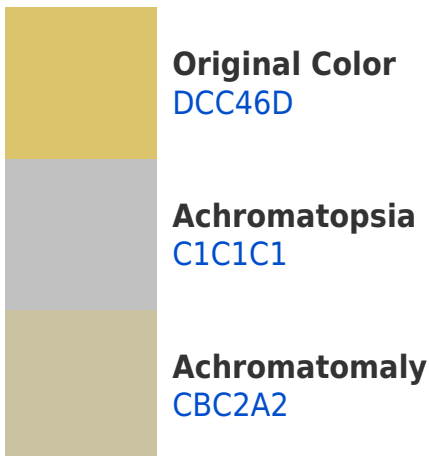


Tritanopia
E5BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCC46D 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 #DCC46D looks like.

```
.text, #text, p{  
    color:#DCC46D  
}
```

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 #DCC46D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCC46D
}
```

Border

The CSS property to change the border of an element to Hex DCC46D 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
#DCC46D }
```

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

```
.border{ border-color:#DCC46D }
```

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

Here you see how a box with a 4 pixel #DCC46D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCC46D; -webkit-box-shadow:4px 4px  
4px 4px #DCC46D; box-shadow:4px 4px 4px  
4px #DCC46D }
```

Background

The CSS property to change the background color of an element to Hex DCC46D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCC46D }
```

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

```
.background{ background-color:#DCC46D }
```

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