

Converting Colors

Hex(DECC83)

Have a look what the booklet for
Hex(DECC83) contains.

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Color

Hex(DECC83)

Conversions

Conversions Part 1

Format	Color
Hex	DECC83
RGB	222, 204, 131
RGB Percent	87%, 80%, 51%
CMY	0.1294, 0.2000, 0.4863
CMYK	0.00, 0.08, 0.41, 0.13
HSL	48°, 58%, 69%
HSV	48°, 41%, 87%
XYZ	55.8138, 60.3540, 30.1805
YIQ	201.0600, 34.1610, -18.8870

Conversions

Conversions Part 2

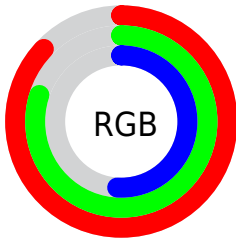
Format	Color
RYB	153, 222, 131
Decimal	14601347
CIELab	82.03, -3.84, 38.62
CIELCh	82, 38.806, 95.683
Yxy	60.3540, 0.3814, 0.4124
Android (android.graphics.Color)	4292791427 (0xFFDECC83)
YUV	201.0600, -34.5396, 18.3644
Hunter-Lab	77.6878, -7.7128, 31.3483

Details

The Hex color **DECC83** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8395DE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFB9**, and **A59650** is the 20% darker color. If you saturate the color by 10%, you get **DEC86D**, and if you desaturate by 10%, it is **DED099**.

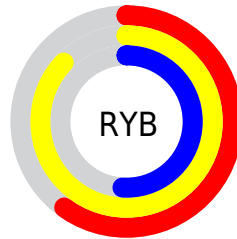
Distribution



Red (87%)

Green (80%)

Blue (51%)



Red (60%)

Yellow (87%)

Blue (51%)

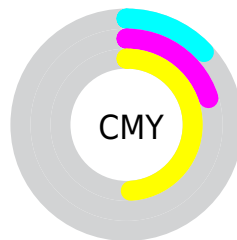


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (13%)



Cyan (13%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color DECC83 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 DECC83 by changing the saturation by 10% instead.

 DECC83

 DECC83

FFFFFF

 C1B169

 FFFFB9

 A59650

 FFFFD5

 8A7C38


 FFFFF2

 6F6320

 554C05

 3D3500

 242000

 010A00

 000000

 DECC83

 DECC83

 DEC86D

 DED099

 DEC357

 DED5AF

 DEBF40

 DED9C6

 DEBA2A

 DEDEDC

 DEB614

 DEE2F2

 DEB200

 DEE6FF

 DEEBFF

 DEEFFF

 DEF4FF

Harmonies

Analogous

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



FEC08A



DECC83



B7D690

Triad

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



DECC83



4ADEF5



FFB5EB

Complementary

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



DECC83



8395DE

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.



DAC0FF



DECC83



6CD8FF

Square

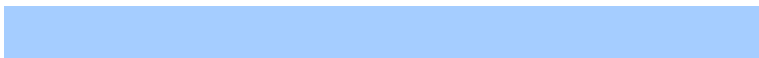
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DECC83



60E0D2



A5CFFF



FFB0C6

Rectangle

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



DECC83



9ADBA2



A5CDFF



F5B8F6

Sweetspot

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



DECC83



FFF9E0



DE8395



807C6E



000000



808080

Same Dimension

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



DECC83



FFE682



C3DE83



706E65



B08D00



302700

Inverse Universe

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



8395DE



829BFF



9E83DE



656770



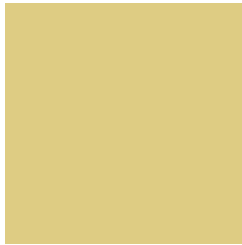
0023B0



000A30

Previews

White Background



This preview shows how the Hex color DECC83 looks on a white background.

Color Contrast Check

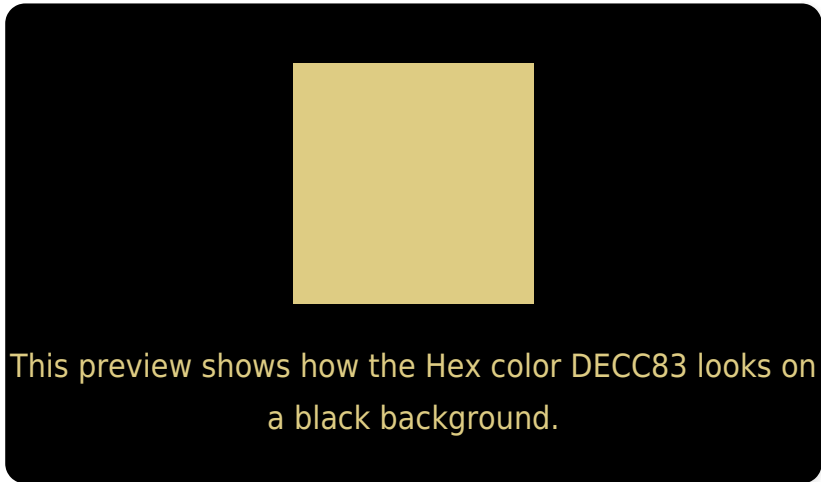
Large Text (above 18pt) WCAG AA × Fail

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 DECC83 Background



This preview shows how black text looks on a background with the Hex color DECC83.

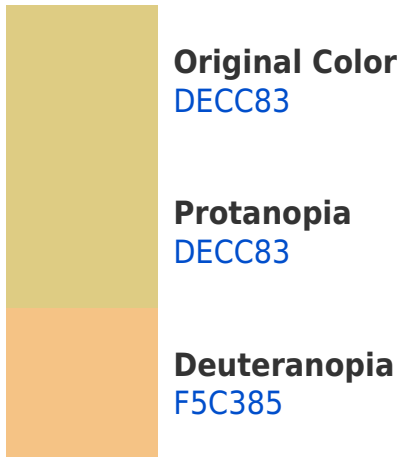


This preview shows how white text looks on a background with the Hex color DECC83.

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](#).

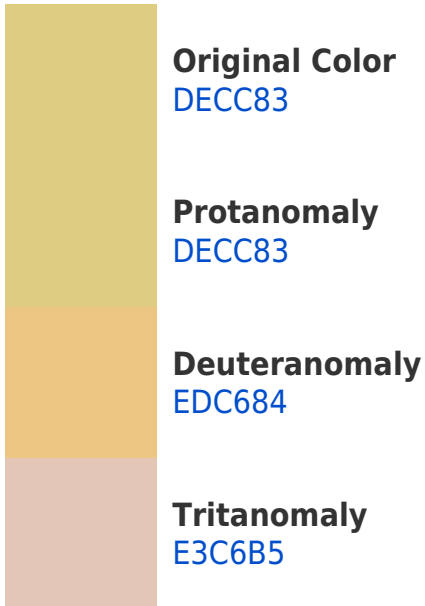
Dichromacy





Tritanopia
E6C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DECC83 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 #DECC83 looks like.

```
.text, #text, p{  
    color:#DECC83  
}
```

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 #DECC83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECC83
}
```

Border

The CSS property to change the border of an element to Hex DECC83 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
#DECC83 }
```

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

```
.border{ border-color:#DECC83 }
```

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

Here you see how a box with a 4 pixel #DECC83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECC83; -webkit-box-shadow:4px 4px  
4px 4px #DECC83; box-shadow:4px 4px 4px  
4px #DECC83 }
```

Background

The CSS property to change the background color of an element to Hex DECC83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECC83 }
```

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

```
.background{ background-color:#DECC83 }
```

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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