

Converting Colors

Hex(DCED5C)

Have a look what the booklet for
Hex(DCED5C) contains.

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Color

Hex(DCED5C)

Conversions

Conversions Part 1

Format	Color
Hex	DCED5C
RGB	220, 237, 92
RGB Percent	86%, 93%, 36%
CMY	0.1373, 0.0706, 0.6392
CMYK	0.07, 0.00, 0.61, 0.07
HSL	67°, 80%, 65%
HSV	67°, 61%, 93%
XYZ	61.7312, 76.5567, 21.6486
YIQ	215.3870, 36.4130, -48.6990

Conversions

Conversions Part 2

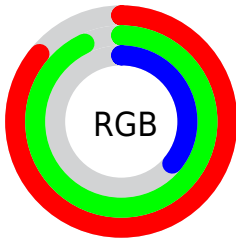
Format	Color
R_{YB}	92, 237, 109
Decimal	14478684
CIE _{Lab}	90.12, -24.40, 66.23
CIE _{LCh}	90, 70.581, 110.223
Yxy	76.5567, 0.3860, 0.4787
Android (android.graphics.Color)	4292668764 (0xFFDCED5C)
YUV	215.3870, -60.8298, 4.0456
Hunter-Lab	87.4967, -27.1829, 46.5781

Details

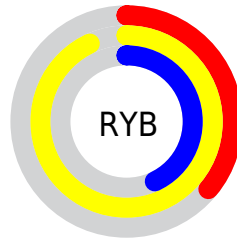
The Hex color **DCED5C** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **6D5CED**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF94**, and **A2B520** is the 20% darker color. If you saturate the color by 10%, you get **D9ED44**, and if you desaturate by 10%, it is **DFED74**.

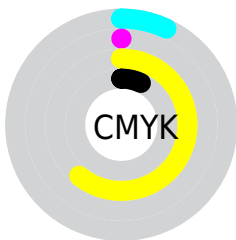
Distribution



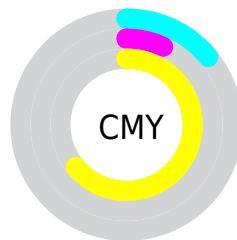
- Red (86%)
- Green (93%)
- Blue (36%)



- Red (36%)
- Yellow (93%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (61%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCED5C 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 DCED5C by changing the saturation by 10% instead.

 DCED5C

FFFFFF

 FFFF94

 FFFFB0

 FFFFC D

 FFFF E A

 DCED5C

 BFD140

 A2B520

 869A00

 6A8000

 4F6700

 344F00

 183800

 002300

 000100

 DCED5C

 DCED5C

 D9ED44

 DFED74

 D6ED2D

 E2ED8B

 D4ED15

 E4EDA3

 D1ED00

 E7EDBB

 EAEDD3

 EDEDEA

 EFEDFF

 F2EDFF

 F5EDFF

Harmonies

Analogous

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



FFD758



DCED5C



8CFB88

Triad

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



DCED5C



00FEFF



FFAAFC

Complementary

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



DCED5C



6D5CED

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.



FFBEFF



DCED5C



00F1FF

Square

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



DCED5C



00FFFF



C0DAFF



FFAAB8

Rectangle

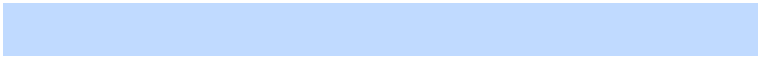
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCED5C



2AFFB3



C0DAFF



FFAFFF

Sweetspot

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



DCED5C



FAFFD1



ED6D5C



7C8063



000000



808080

Same Dimension

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



DCED5C



E9FF45



94ED5C



74756A



A0B500



2F3600

Inverse Universe

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



6D5CED



5B45FF



B55CED



6B6A75



1500B5



060036

Previews

White Background



This preview shows how the Hex color DCED5C looks on a white background.

Color Contrast Check

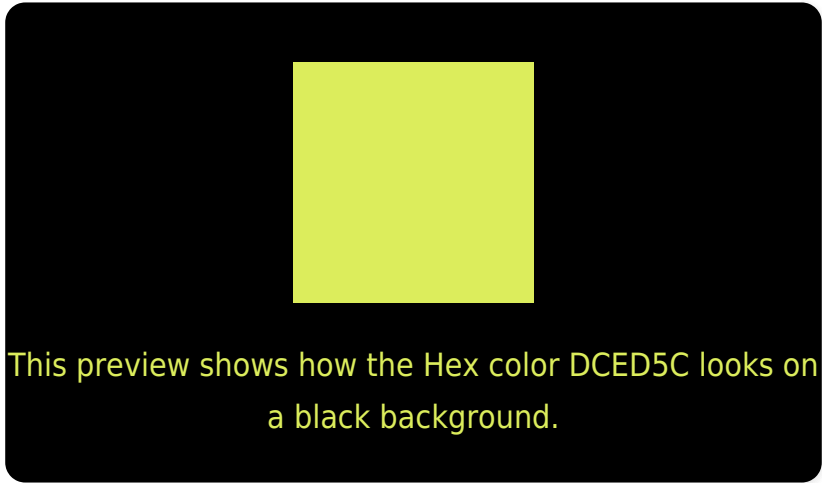
Large Text (above 18pt) WCAG AA × Fail

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 DCED5C Background



This preview shows how black text looks on a background with the Hex color DCED5C.

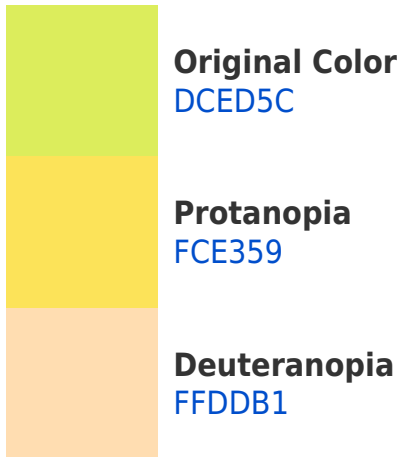


This preview shows how white text looks on a background with the Hex color DCED5C.

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](#).

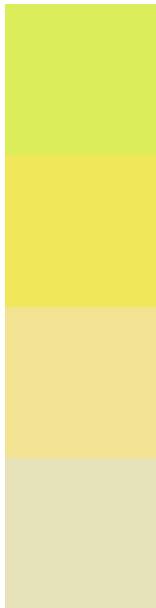
Dichromacy





Tritanopia
EBDEF0

Trichromacy



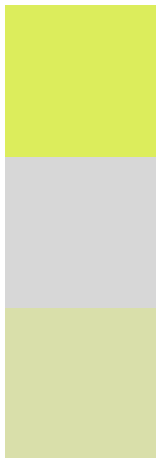
Original Color
DCED5C

Protanomaly
F0E75A

Deuteranomaly
F2E392

Tritanomaly
E6E3BA

Monochromacy



Original Color
DCED5C

Achromatopsia
D7D7D7

Achromatomaly
D9DFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex DCED5C 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 #DCED5C looks like.

```
.text, #text, p{  
    color:#DCED5C  
}
```

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 #DCED5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCED5C
}
```

Border

The CSS property to change the border of an element to Hex DCED5C 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
#DCED5C }
```

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

```
.border{ border-color:#DCED5C }
```

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

Here you see how a box with a 4 pixel #DCED5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCED5C; -webkit-box-shadow:4px 4px  
4px 4px #DCED5C; box-shadow:4px 4px 4px  
4px #DCED5C }
```

Background

The CSS property to change the background color of an element to Hex DCED5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCED5C }
```

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

```
.background{ background-color:#DCED5C }
```

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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