

# Converting Colors

Hex(DCE6D4)

Have a look what the booklet for  
Hex(DCE6D4) contains.

<b>Hex(DCE6D4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DCE6D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE6D4
RGB	220, 230, 212
RGB Percent	86%, 90%, 83%
CMY	0.1373, 0.0980, 0.1686
CMYK	0.04, 0.00, 0.08, 0.10
HSL	93°, 26%, 87%
HSV	93°, 8%, 90%
XYZ	69.6957, 76.5627, 73.3921
YIQ	224.9580, -0.1820, -7.7180

# Conversions

## Conversions Part 2

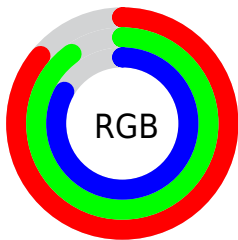
Format	Color
R <sub>Y</sub> B	212, 230, 222
Decimal	14477012
CIE Lab	90.12, -6.54, 7.61
CIE LCh	90, 10.029, 130.667
Yxy	76.5627, 0.3173, 0.3486
Android (android.graphics.Color)	4292667092 (0xFFDCE6D4)
YUV	224.9580, -6.3883, -4.3482
Hunter-Lab	87.5001, -10.9463, 11.5197

# Details

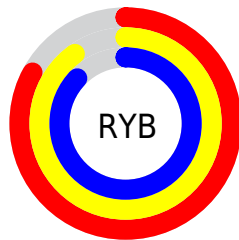
The Hex color **DCE6D4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DED4E6**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **A5AF9D** is the 20% darker color. If you saturate the color by 10%, you get **CFE6BD**, and if you desaturate by 10%, it is **E9E6EB**.

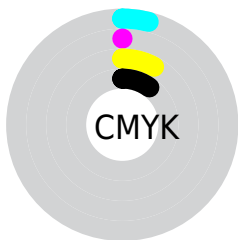
# Distribution



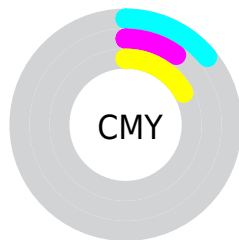
- Red (86%)
- Green (90%)
- Blue (83%)



- Red (83%)
- Yellow (90%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE6D4 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 DCE6D4 by changing the saturation by 10% instead.



 DCE6D4

FFFFFF

 DCE6D4

 C0CAB8

 A5AF9D

 8B9483

 717A6A

 596152

 414A3B

 2B3325

 171E11

 000100

 DCE6D4

 DCE6D4

 CFE6BD

 E9E6EB

 C2E6A6

 F6E6FF

 B6E68F

 FFE6FF

 A9E678

 9CE661

 8FE64A

 83E633

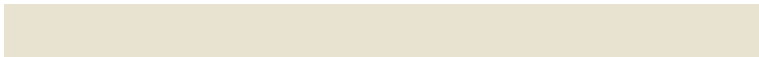
 76E61C

 69E605

# Harmonies

## Analogous

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



E7E3D0



DCE6D4



D2E8DC

# Triad

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



DCE6D4



D2E5F4



F7DCDF

# Complementary

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



DCE6D4



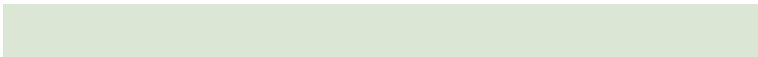
DED4E6

# 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.



F2DDE9



DCE6D4



DDE2F5

# Square

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



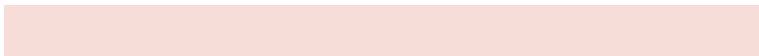
DCE6D4



CCE8EF



E9DFF1



F7DDD7

# Rectangle

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



DCE6D4



CDE9E3



E9DFF1



F6DCE3



# Sweetspot

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



DCE6D4



FCFFFA



E6DED4



7E807D



000000



808080



# Same Dimension

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



DCE6D4



F2FFE8



D4E6D5



6C7367



4FB300



173300



# Inverse Universe

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



DED4E6



F5E8FF



E6D4E5



6E6773



6300B3

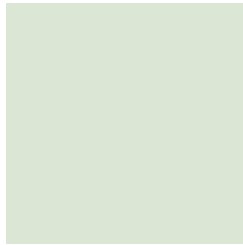


1C0033



# Previews

## White Background



This preview shows how the Hex color DCE6D4 looks on a white background.

## Color Contrast Check

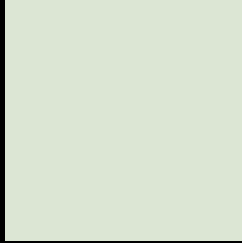
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DCE6D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

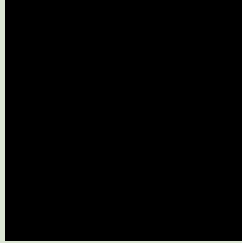
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

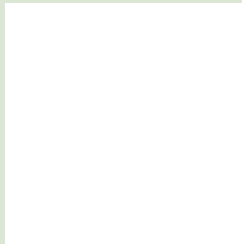
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCE6D4 Background



This preview shows how black text looks on a background with the Hex color DCE6D4.

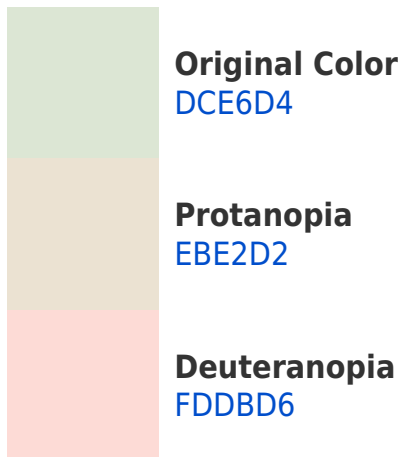


This preview shows how white text looks on a background with the Hex color DCE6D4.

# 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](#).

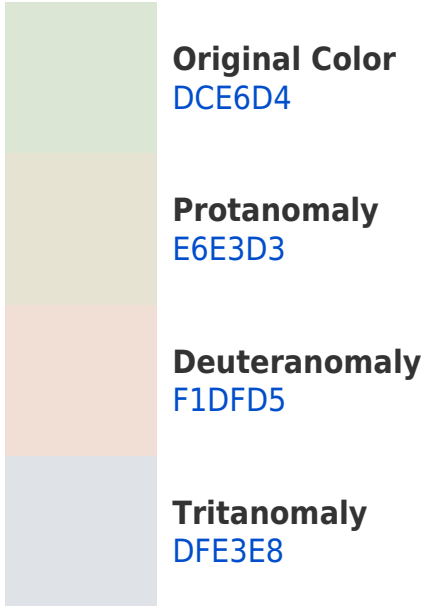
## Dichromacy





**Tritanopia**  
E1E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE6D4 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 #DCE6D4 looks like.

```
.text, #text, p{  
    color:#DCE6D4  
}
```

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 #DCE6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE6D4
}
```

## Border

The CSS property to change the border of an element to Hex DCE6D4 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
#DCE6D4 }
```

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

```
.border{ border-color:#DCE6D4 }
```

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

Here you see how a box with a 4 pixel #DCE6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE6D4; -webkit-box-shadow:4px 4px  
4px 4px #DCE6D4; box-shadow:4px 4px 4px  
4px #DCE6D4 }
```

# Background

The CSS property to change the background color of an element to Hex DCE6D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE6D4 }
```

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

```
.background{ background-color:#DCE6D4 }
```

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