

# Converting Colors

Hex(DCEEF4)

Have a look what the booklet for  
Hex(DCEE4) contains.

<b>Hex(DCEE4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DCEEF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEEF4
RGB	220, 238, 244
RGB Percent	86%, 93%, 96%
CMY	0.1373, 0.0667, 0.0431
CMYK	0.10, 0.02, 0.00, 0.04
HSL	195°, 52%, 91%
HSV	195°, 10%, 96%
XYZ	76.4189, 82.8964, 97.5608
YIQ	233.3020, -12.6540, -1.9500

# Conversions

## Conversions Part 2

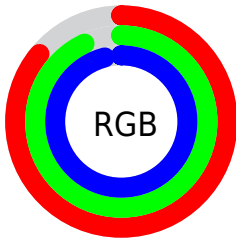
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 230, 244
Decimal	14479092
CIE Lab	92.97, -4.76, -4.93
CIE LCh	93, 6.857, 226.028
Yxy	82.8964, 0.2975, 0.3227
Android (android.graphics.Color)	4292669172 (0xFFDCEE4)
YUV	233.3020, 5.2741, -11.6659
Hunter-Lab	91.0474, -9.5126, 0.2017

# Details

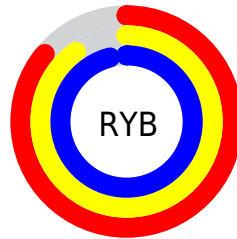
The Hex color **DCEEF4** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F4E2DC**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B6BC** is the 20% darker color. If you saturate the color by 10%, you get **C4E8F4**, and if you desaturate by 10%, it is **F4F4F4**.

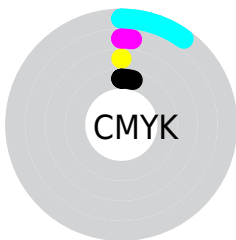
# Distribution



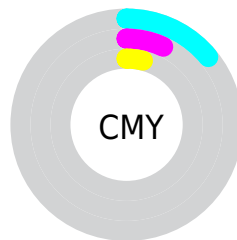
- Red (86%)
- Green (93%)
- Blue (96%)



- Red (86%)
- Yellow (90%)
- Blue (96%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCEEF4 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 DCEEF4 by changing the saturation by 10% instead.



 DCEEF4

FFFFFF

 DCEEF4

 C0D2D8

 A5B6BC

 8A9BA1

 718187

 58686D

 415055

 2A393E

 152428

 000E14

 DCEEF4

 DCEEF4

 C4E8F4

 F4F4F4

 ABE2F4

 FFFAF4

 93DCF4

 FFFFF4

 7AD6F4

 62CFF4

 4AC9F4

 31C3F4

 19BDF4

 00B7F4

# Harmonies

## Analogous

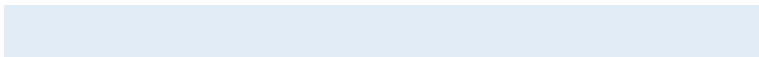
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBEFEE



DCEEF4



E1ECF7

# Triad

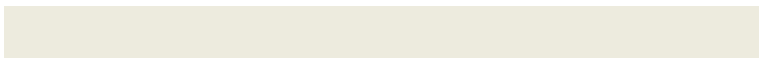
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCEEF4



F7E7EE



EDEBDE

# Complementary

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



DCEEF4



F4E2DC

# 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.



F4E9DE



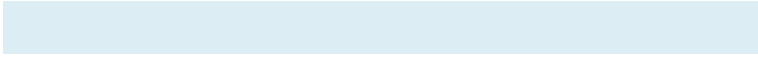
DCEEF4



F9E7E7

# Square

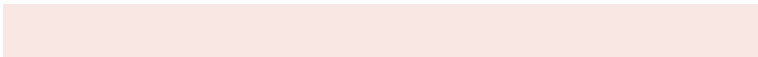
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCEEF4



F0E8F4



F8E7E2



E5EDE2

# Rectangle

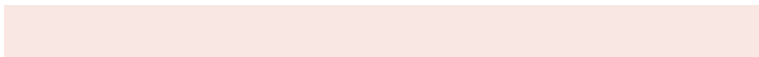
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



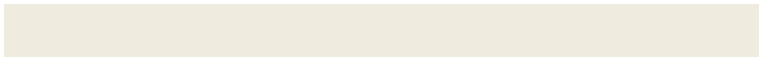
DCEEF4



E6EBF8



F8E7E2



EFEBDE

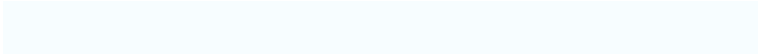


# Sweetspot

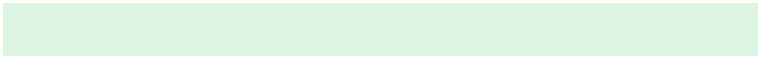
The Sweet Spot groups the original color and five complimentary colors.



DCEEF4



F7FDFF



DCF4E2



7A7E80



000000



808080

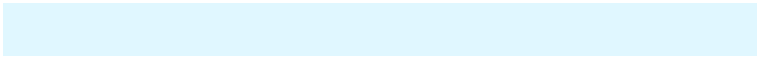


# Same Dimension

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



DCEE4



E07FF



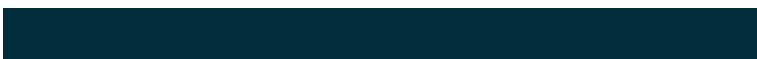
DCE2F4



6E77A



008CBA



002C3B



# Inverse Universe

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



F4DCEE



FFE0F7



F4EEDC



7A6E77



BA008C

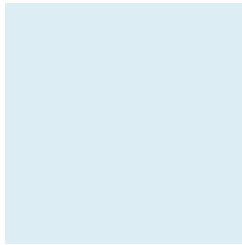


3B002C



# Previews

## White Background



This preview shows how the Hex color DCEEF4 looks on a white background.

## Color Contrast Check

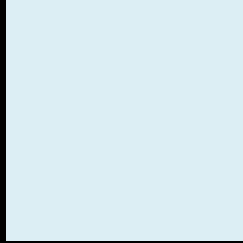
Large Text (above 18pt) WCAG AA × Fail

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 DCEEF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

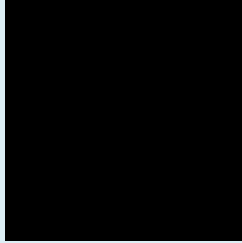
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

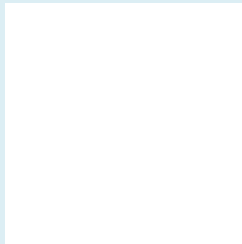
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCEEF4 Background



This preview shows how black text looks on a background with the Hex color DCEEF4.



This preview shows how white text looks on a background with the Hex color DCEEF4.

# Color Blindness Simulation

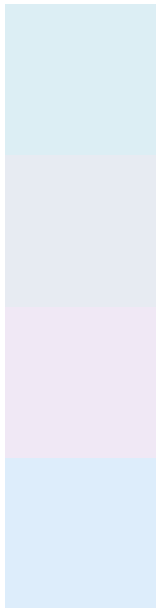
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



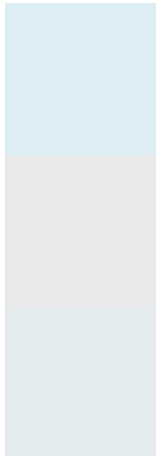
**Original Color**  
DCEE4

**Protanomaly**  
E7EBF2

**Deuteranomaly**  
F0E8F5

**Tritanomaly**  
DDEDFB

# Monochromacy



**Original Color**  
DCEE4

**Achromatopsia**  
E9E9E9

**Achromatomaly**  
E4EBED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCEEF4 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 #DCEEF4 looks like.

```
.text, #text, p{  
    color:#DCEEF4  
}
```

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 #DCEEF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEEF4  
}
```

## Border

The CSS property to change the border of an element to Hex DCEEF4 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  
#DCEEF4 }
```

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

```
.border{ border-color:#DCEEF4 }
```

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

Here you see how a box with a 4 pixel #DCEEF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEEF4; -webkit-box-shadow:4px 4px  
4px 4px #DCEEF4; box-shadow:4px 4px 4px  
4px #DCEEF4 }
```

# Background

The CSS property to change the background color of an element to Hex DCEEF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEEF4 }
```

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

```
.background{ background-color:#DCEEF4 }
```

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