

# Converting Colors

Hex(DCEEF6)

Have a look what the booklet for  
Hex(DCEEF6) contains.

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# **Color**

**Hex(DCEEF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEEF6
RGB	220, 238, 246
RGB Percent	86%, 93%, 96%
CMY	0.1373, 0.0667, 0.0353
CMYK	0.11, 0.03, 0.00, 0.04
HSL	198°, 59%, 91%
HSV	198°, 11%, 96%
XYZ	76.7243, 83.0185, 99.1692
YIQ	233.5300, -13.2960, -1.3280

# Conversions

## Conversions Part 2

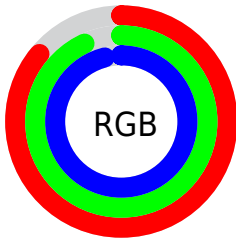
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 231, 246
Decimal	14479094
CIE Lab	93.02, -4.37, -5.90
CIE LCh	93, 7.341, 233.439
Yxy	83.0185, 0.2963, 0.3206
Android (android.graphics.Color)	4292669174 (0xFFDCEE6)
YUV	233.5300, 6.1477, -11.8658
Hunter-Lab	91.1145, -9.1419, -0.7512

# Details

The Hex color **DCEEF6** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F6E4DC**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B6BE** is the 20% darker color. If you saturate the color by 10%, you get **C3E6F6**, and if you desaturate by 10%, it is **F5F6F6**.

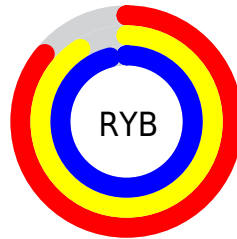
# Distribution



Red (86%)

Green (93%)

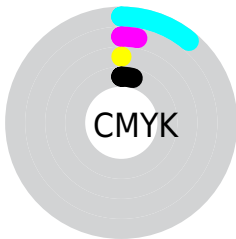
Blue (96%)



Red (86%)

Yellow (91%)

Blue (96%)

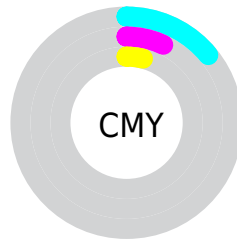


Cyan (11%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (14%)

Magenta (7%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCEEF6 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 DCEEF6 by changing the saturation by 10% instead.



 DCEEF6

FFFFFF

 DCEEF6

 C0D2DA

 A5B6BE


 8A9BA3

 718188

 58686F

 415057

 2A393F

 15242A

 000E15

 DCEEF6

 DCEEF6

 C3E6F6

 F5F6F6

 ABDFF6

 FFFDF6

 92D7F6

 FFFFF6

 7AD0F6

 61C8F6

 48C1F6

 30B9F6

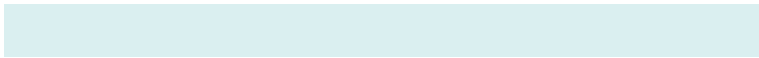
 17B1F6

 00AAF6

# Harmonies

## Analogous

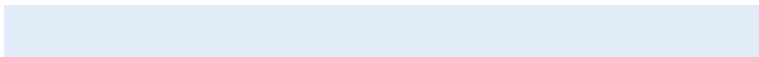
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DAEFF0



DCEEF6



E2ECF9

# Triad

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



DCEEF6



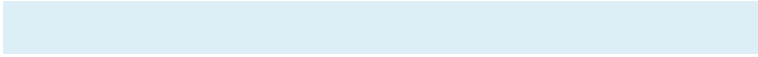
F9E6ED



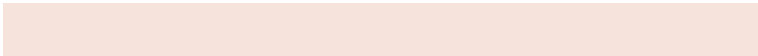
EBECDE

# Complementary

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



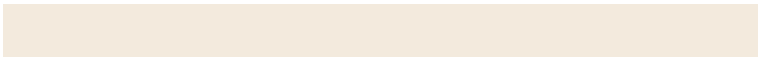
DCEEF6



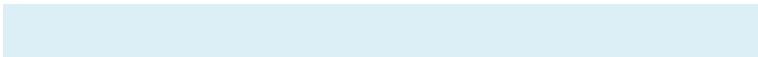
F6E4DC

# Split Complementary

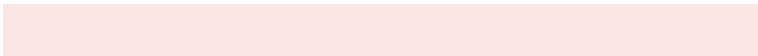
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3EADD



DCEEF6



FBE6E6

# Square

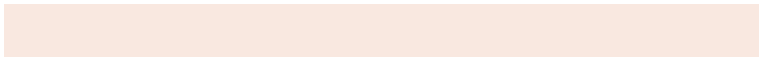
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



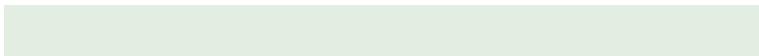
DCEEF6



F3E8F3



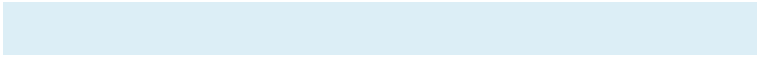
F9E8E0



E3EEE2

# Rectangle

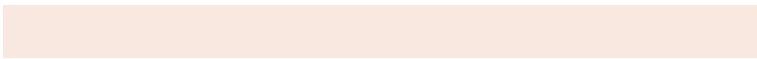
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCEE6



E8EAF9



F9E8E0



EEEBDD



# Sweetspot

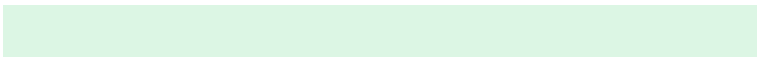
The Sweet Spot groups the original color and five complimentary colors.



DCEEF6



F7FDFF



DCF6E4



7A7E80



000000



808080

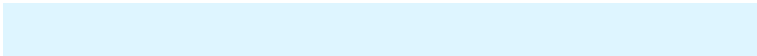


# Same Dimension

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



DCEEF6



DEF5FF



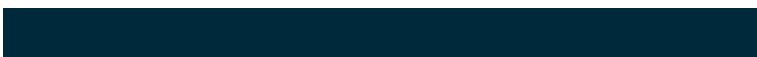
DCE1F6



6E777A



0081BA



00293B



# Inverse Universe

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



F6DCEE



FFDEF5



F6F1DC



7A6E77



BA0081

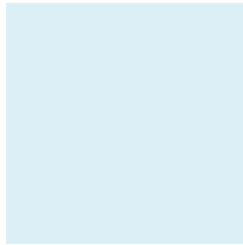


3B0029



# Previews

## White Background



This preview shows how the Hex color DCEEF6 looks on a white background.

## Color Contrast Check

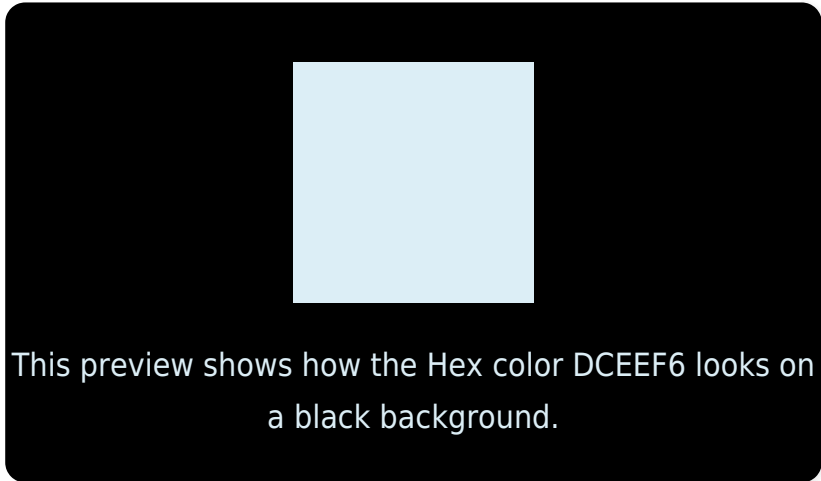
Large Text (above 18pt) WCAG AA × Fail

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

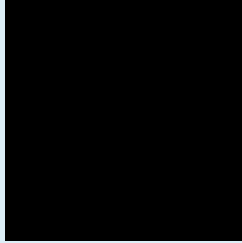
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

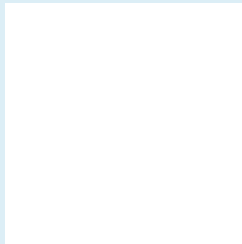
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCEEF6 Background



This preview shows how black text looks on a background with the Hex color DCEEF6.



This preview shows how white text looks on a background with the Hex color DCEEF6.

# 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**  
DEEDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCEEF6 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 #DCEEF6 looks like.

```
.text, #text, p{  
    color:#DCEEF6  
}
```

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 #DCEEF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEEF6  
}
```

## Border

The CSS property to change the border of an element to Hex DCEEF6 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  
#DCEEF6 }
```

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

```
.border{ border-color:#DCEEF6 }
```

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

Here you see how a box with a 4 pixel #DCEEF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEEF6; -webkit-box-shadow:4px 4px  
4px 4px #DCEEF6; box-shadow:4px 4px 4px  
4px #DCEEF6 }
```

# Background

The CSS property to change the background color of an element to Hex DCEEF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEEF6 }
```

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

```
.background{ background-color:#DCEEF6 }
```

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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