

# Converting Colors

Hex(DEE6F4)

Have a look what the booklet for  
Hex(DEE6F4) contains.

<b>Hex(DEE6F4)</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(D EE 6 F 4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEE6F4
RGB	222, 230, 244
RGB Percent	87%, 90%, 96%
CMY	0.1294, 0.0980, 0.0431
CMYK	0.09, 0.06, 0.00, 0.04
HSL	218°, 50%, 91%
HSV	218°, 9%, 96%
XYZ	74.7501, 78.6549, 96.8301
YIQ	229.2040, -9.2620, 2.6580

# Conversions

## Conversions Part 2

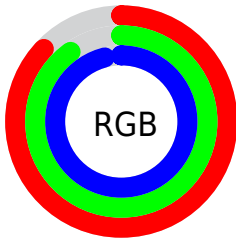
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 228, 244
Decimal	14608116
CIE Lab	91.08, -0.02, -7.71
CIE LCh	91, 7.713, 269.863
Yxy	78.6549, 0.2987, 0.3143
Android (android.graphics.Color)	4292798196 (0xFFDEE6F4)
YUV	229.2040, 7.2944, -6.3179
Hunter-Lab	88.6876, -4.7549, -2.6522

# Details

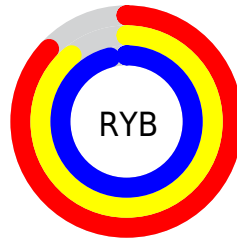
The Hex color **DEE6F4** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F4ECDE**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A7AFBC** is the 20% darker color. If you saturate the color by 10%, you get **C6D6F4**, and if you desaturate by 10%, it is **F6F6F4**.

# Distribution



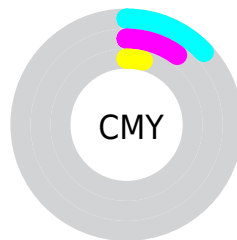
- Red (87%)
- Green (90%)
- Blue (96%)



- Red (87%)
- Yellow (89%)
- Blue (96%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (10%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEE6F4 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 DEE6F4 by changing the saturation by 10% instead.



 DEE6F4

FFFFFF

 DEE6F4

 C2CAD8

 A7AFBC

 8C94A1

 737A87

 5A616D

 434A55

 2C333E

 171E28

 000514

 DEE6F4

 DEE6F4

 C6D6F4

 F6F6F4

 ADC7F4

 FFFFF4

 95B7F4

 7CA8F4

 6498F4

 4C89F4

 3379F4

 1B6AF4

 025AF4

# Harmonies

## Analogous

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



D7E8F2



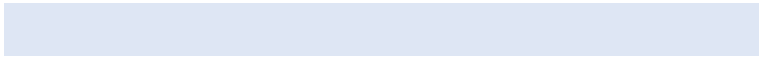
DEE6F4



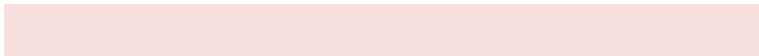
E7E4F2

# Triad

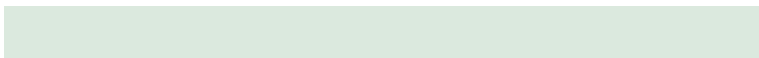
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEE6F4



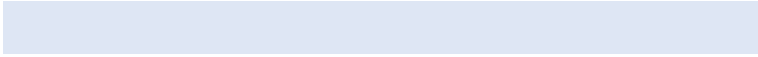
F6E1DE



DBE9DE

# Complementary

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



DEE6F4



F4ECDE

# Split Complementary

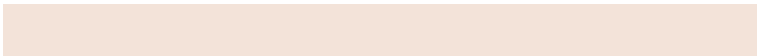
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E3E7D9



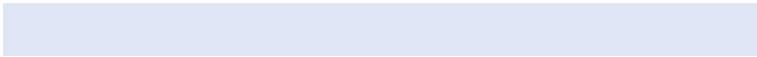
DEE6F4



F3E3D9

# Square

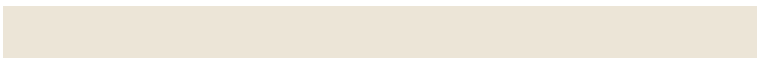
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEE6F4



F5E1E6



ECE5D7



D5EAE5

# Rectangle

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



DEE6F4



EDE2EF



ECE5D7



DEE9DC

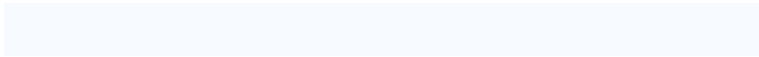


# Sweetspot

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



DEE6F4



F7FAFF



DEF4EC



7A7C80



000000



808080

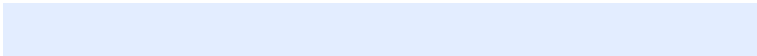


# Same Dimension

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



DEE6F4



E3EDFF



E1DEF4



6E737A



0044BA



00153B



# Inverse Universe

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



F4DEE6



FFE3ED



F1F4DE



7A6E73



BA0044

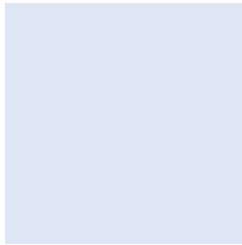


3B0015



# Previews

## White Background



This preview shows how the Hex color DEE6F4 looks on a white background.

## Color Contrast Check

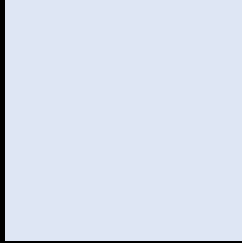
Large Text (above 18pt) WCAG AA × Fail

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 DEE6F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

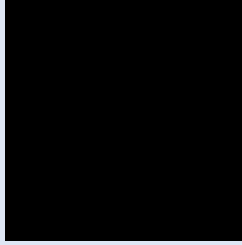
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

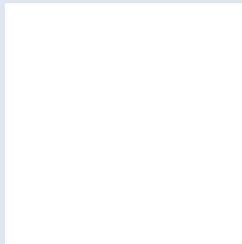
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEE6F4 Background



This preview shows how black text looks on a background with the Hex color DEE6F4.

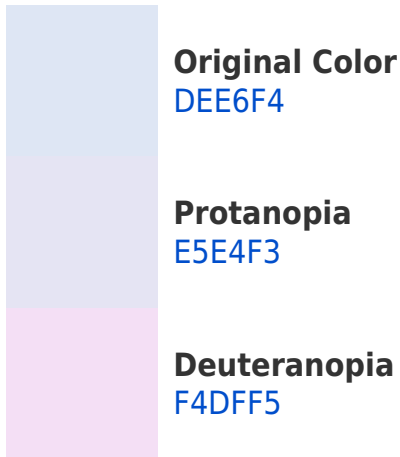


This preview shows how white text looks on a background with the Hex color DEE6F4.

# 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](#).

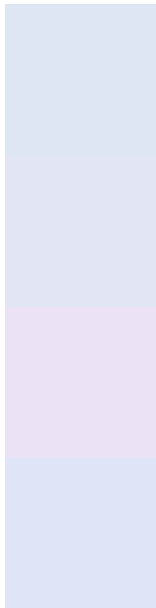
## Dichromacy





**Tritanopia**  
DFE5F8

# Trichromacy



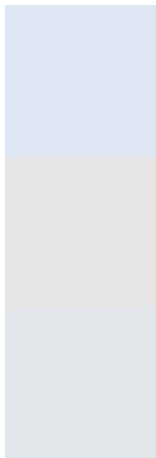
**Original Color**  
DEE6F4

**Protanomaly**  
E2E5F3

**Deuteranomaly**  
ECE2F5

**Tritanomaly**  
DFE5F7

# Monochromacy



**Original Color**  
DEE6F4

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E2E5EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEE6F4 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 #DEE6F4 looks like.

```
.text, #text, p{  
    color:#DEE6F4  
}
```

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 #DEE6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE6F4
}
```

## Border

The CSS property to change the border of an element to Hex DEE6F4 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
#DEE6F4 }
```

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

```
.border{ border-color:#DEE6F4 }
```

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

Here you see how a box with a 4 pixel #DEE6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE6F4; -webkit-box-shadow:4px 4px  
4px 4px #DEE6F4; box-shadow:4px 4px 4px  
4px #DEE6F4 }
```

# Background

The CSS property to change the background color of an element to Hex DEE6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE6F4 }
```

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

```
.background{ background-color:#DEE6F4 }
```

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