

Converting Colors

Hex(DED5F6)

Have a look what the booklet for
Hex(DED5F6) contains.

Hex(DED5F6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DED5F6)

Conversions

Conversions Part 1

Format	Color
Hex	DED5F6
RGB	222, 213, 246
RGB Percent	87%, 84%, 96%
CMY	0.1294, 0.1647, 0.0353
CMYK	0.10, 0.13, 0.00, 0.04
HSL	256°, 65%, 90%
HSV	256°, 13%, 96%
XYZ	70.5530, 69.7719, 96.9376
YIQ	219.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

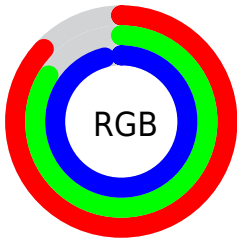
Format	Color
R_{YB}	222, 213, 246
Decimal	14603766
CIE _{Lab}	86.88, 9.25, -15.01
CIE _{LCh}	87, 17.634, 301.638
Yxy	69.7719, 0.2974, 0.2941
Android (android.graphics.Color)	4292793846 (0xFFDED5F6)
YUV	219.4530, 13.0877, 2.2337
Hunter-Lab	83.5296, 4.5927, -10.3364

Details

The Hex color **DED5F6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDF6D5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A79EBE** is the 20% darker color. If you saturate the color by 10%, you get **CCBCF6**, and if you desaturate by 10%, it is **F0EEF6**.

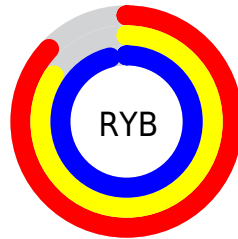
Distribution



Red (87%)

Green (84%)

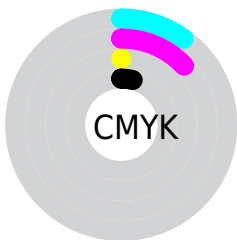
Blue (96%)



Red (87%)

Yellow (84%)

Blue (96%)

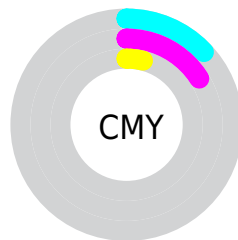


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color DED5F6 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 DED5F6 by changing the saturation by 10% instead.

■ DED5F6

FFFFFF

■ DED5F6

■ C2B9DA

■ A79EBE

■ 8C84A3

■ 736B88

■ 5A536F

■ 423C56

■ 2C263F

■ 161229

■ 000114

 DED5F6

 DED5F6

 CCBCF6

 F0EEF6

 BAA4F6


 FFFFF6

 A88BF6

 9673F6

 855AF6

 7341F6

 6129F6

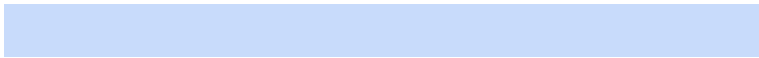
 4F10F6

 4300F6

Harmonies

Analogous

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



C8DBFB



DED5F6



F0D0EA

Triad

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



DED5F6



F5D3BD



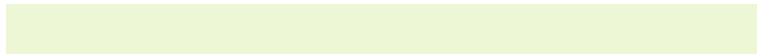
B3E3DA

Complementary

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



DED5F6



EDF6D5

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.



C1E2C9



DED5F6



E6D9B8

Square

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



DED5F6



FDCFC9



D3DEBD



AEE3EA

Rectangle

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



DED5F6



F9CEDF



D3DEBD



B6E3D4

Sweetspot

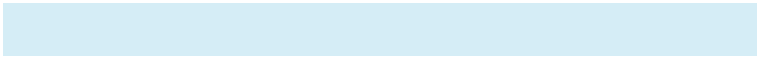
The Sweet Spot groups the original color and five complimentary colors.



DED5F6



F8F5FF



D5EDF6



7B7980



000000



808080

Same Dimension

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



DED5F6



E1D6FF



EED5F6



716E7A



3300BA



10003B

Inverse Universe

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



F6D5ED



FFD6F4



DDF6D5



7A6E77



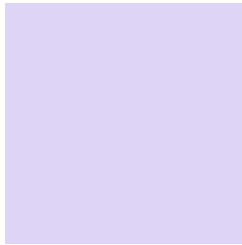
BA0087



3B002B

Previews

White Background



This preview shows how the Hex color DED5F6 looks on a white background.

Color Contrast Check

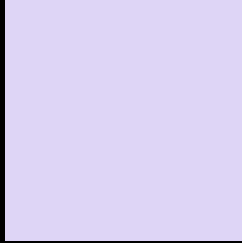
Large Text (above 18pt) WCAG AA × Fail

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 DED5F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

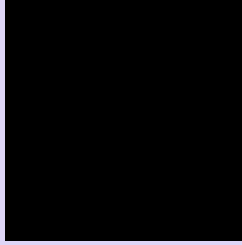
Any Text WCAG AA ✓ Pass

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 DED5F6 Background



This preview shows how black text looks on a background with the Hex color DED5F6.



This preview shows how white text looks on a background with the Hex color DED5F6.

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



Original Color
DED5F6

Protanopia
D4D8F8

Deuteranopia
E1D4F6



Tritanopia
DCD7E8

Trichromacy



Original Color
DED5F6

Protanomaly
D8D7F7

Deuteranomaly
E0D4F6

Tritanomaly
DDD6ED

Monochromacy



Original Color
DED5F6

Achromatopsia
DBDBDB

Achromatomaly
DCD9E5

CSS Examples

Text

The CSS property to change the color of the text to Hex DED5F6 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 #DED5F6 looks like.

```
.text, #text, p{  
    color:#DED5F6  
}
```

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 #DED5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED5F6  
}
```

Border

The CSS property to change the border of an element to Hex DED5F6 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  
#DED5F6 }
```

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

```
.border{ border-color:#DED5F6 }
```

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

Here you see how a box with a 4 pixel #DED5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED5F6; -webkit-box-shadow:4px 4px  
4px 4px #DED5F6; box-shadow:4px 4px 4px  
4px #DED5F6 }
```

Background

The CSS property to change the background color of an element to Hex DED5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED5F6 }
```

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

```
.background{ background-color:#DED5F6 }
```

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