

# Converting Colors

Hex(D5DCF5)

Have a look what the booklet for  
Hex(D5DCF5) contains.

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# **Color**

**Hex(D5DCF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5DCF5
RGB	213, 220, 245
RGB Percent	84%, 86%, 96%
CMY	0.1647, 0.1373, 0.0392
CMYK	0.13, 0.10, 0.00, 0.04
HSL	227°, 62%, 90%
HSV	227°, 13%, 96%
XYZ	69.5152, 71.9251, 96.6053
YIQ	220.7570, -12.1970, 6.2910

# Conversions

## Conversions Part 2

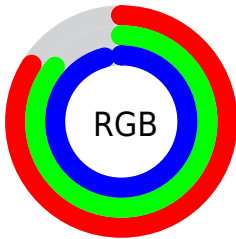
Format	Color
<a href="#">RYB</a>	<a href="#">213, 219, 245</a>
Decimal	<a href="#">14015733</a>
CIELab	<a href="#">87.93, 2.50, -12.99</a>
CIELCh	<a href="#">88, 13.226, 280.911</a>
Yxy	<a href="#">71.9251, 0.2920, 0.3021</a>
Android (android.graphics.Color)	<a href="#">4292205813 (0xFFD5DCF5)</a>
YUV	<a href="#">220.7570, 11.9518, -6.8029</a>
Hunter-Lab	<a href="#">84.8087, -2.1039, -8.1710</a>

# Details

The Hex color **D5DCF5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F5EED5**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **9EA5BD** is the 20% darker color. If you saturate the color by 10%, you get **BDC9F5**, and if you desaturate by 10%, it is **EEEEFF5**.

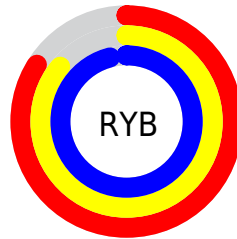
# Distribution



Red (84%)

Green (86%)

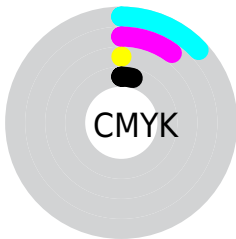
Blue (96%)



Red (84%)

Yellow (86%)

Blue (96%)

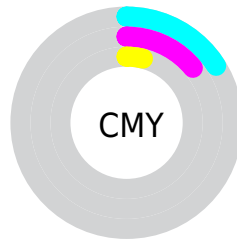


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (14%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5DCF5 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 D5DCF5 by changing the saturation by 10% instead.



 D5DCF5

FFFFFF

 D5DCF5

 B9C0D9

 9EA5BD

 848BA2

 6A7187

 52596E

 3B4256

 242C3E

 0F1728

 000114

 D5DCF5

 D5DCF5

 BDC9F5

 EEEFF5

 A4B6F5

 FFFFF5

 8BA3F5

 738FF5

 5B7CF5

 4269F5

 2A56F5

 1143F5

 0036F5

# Harmonies

## Analogous

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



C7E0F4



D5DCF5



E5D8F0

# Triad

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



D5DCF5



F6D6CD



C6E3D4

# Complementary

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



D5DCF5



F5EED5

# 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.



D4E1C9



D5DCF5



EFD9C5

# Square

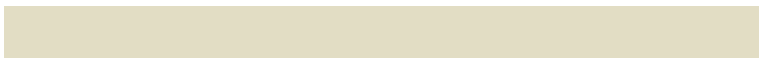
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5DCF5



F7D4D8



E2DDC4



BEE4E1

# Rectangle

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



D5DCF5



EED6E9



E2DDC4



CAE3D0



# Sweetspot

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



D5DCF5



F5F7FF



D5F5EE



797B80



000000



808080



# Same Dimension

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



D5DCF5



D6DFFF



DED5F5



6E717A



0029BA



000D3B



# Inverse Universe

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



F5D5DC



FFD6DF



ECF5D5



7A6E71



BA0029

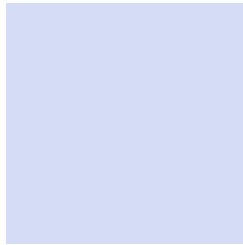


3B000D



# Previews

## White Background



This preview shows how the Hex color D5DCF5 looks on a white background.

## Color Contrast Check

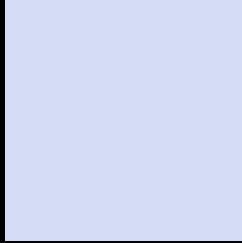
Large Text (above 18pt) WCAG AA × Fail

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 D5DCF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

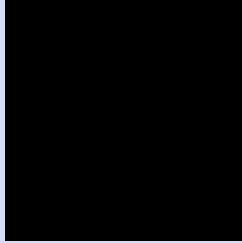
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

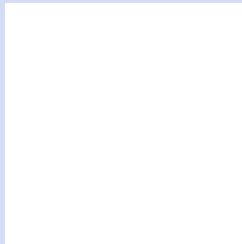
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5DCF5 Background



This preview shows how black text looks on a background with the Hex color D5DCF5.

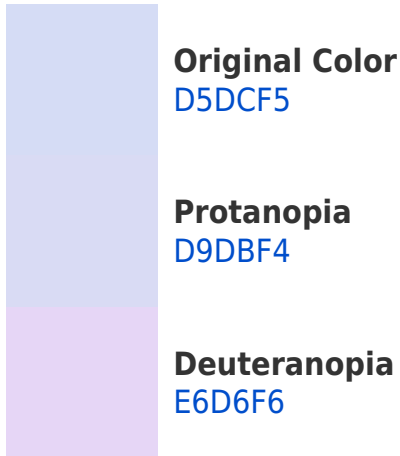


This preview shows how white text looks on a background with the Hex color D5DCF5.

# 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](#).

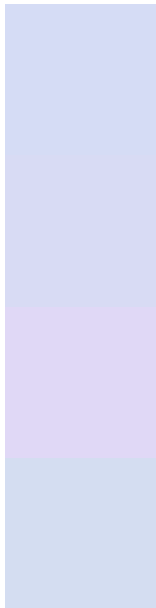
## Dichromacy





**Tritanopia**  
D4DDEF

# Trichromacy



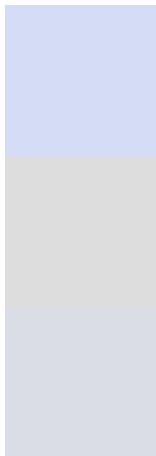
**Original Color**  
D5DCF5

**Protanomaly**  
D8DBF4

**Deuteranomaly**  
E0D8F6

**Tritanomaly**  
D4DDF1

# Monochromacy



**Original Color**  
D5DCF5

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DADDE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5DCF5 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 #D5DCF5 looks like.

```
.text, #text, p{  
    color:#D5DCF5  
}
```

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 #D5DCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5DCF5 }  
}
```

## Border

The CSS property to change the border of an element to Hex D5DCF5 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 #D5DCF5 }  
}
```

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

```
.border{ border-color:#D5DCF5 }
```

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

Here you see how a box with a 4 pixel #D5DCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5DCF5; -webkit-box-shadow:4px 4px  
4px 4px #D5DCF5; box-shadow:4px 4px 4px  
4px #D5DCF5 }
```

# Background

The CSS property to change the background color of an element to Hex D5DCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5DCF5 }
```

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

```
.background{ background-color:#D5DCF5 }
```

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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