

# Converting Colors

Hex(D5D5F2)

Have a look what the booklet for  
Hex(D5D5F2) contains.

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# **Color**

**Hex(D5D5F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D5F2
RGB	213, 213, 242
RGB Percent	84%, 84%, 95%
CMY	0.1647, 0.1647, 0.0510
CMYK	0.12, 0.12, 0.00, 0.05
HSL	240°, 53%, 89%
HSV	240°, 12%, 95%
XYZ	67.2618, 68.1454, 93.6127
YIQ	216.3060, -9.3090, 9.0190

# Conversions

## Conversions Part 2

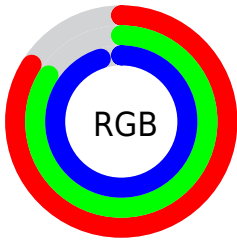
Format	Color
R <sub>YB</sub>	213, 213, 242
Decimal	14013938
CIE Lab	86.08, 5.57, -14.18
CIE LCh	86, 15.233, 291.453
Yxy	68.1454, 0.2937, 0.2976
Android (android.graphics.Color)	4292204018 (0xFFD5D5F2)
YUV	216.3060, 12.6671, -2.8994
Hunter-Lab	82.5503, 0.9786, -9.4502

# Details

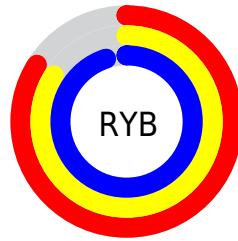
The Hex color **D5D5F2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2F2D5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **9E9EBA** is the 20% darker color. If you saturate the color by 10%, you get **BDBDF2**, and if you desaturate by 10%, it is **EDEDf2**.

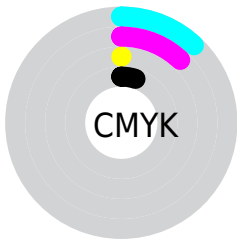
# Distribution



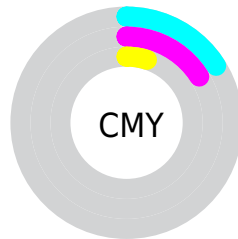
- Red (84%)
- Green (84%)
- Blue (95%)



- Red (84%)
- Yellow (84%)
- Blue (95%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5D5F2 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 D5D5F2 by changing the saturation by 10% instead.



 D5D5F2

 D5D5F2

FFFFFF

 B9B9D6

 9E9EBA

 84849F

 6B6B85

 52536B

 3B3C53

 24263C

 101226

 000111

 D5D5F2

 D5D5F2

 BDBDF2

 EDEDF2

 A5A5F2

 FFFFF2

 8C8CF2

 7474F2

 5C5CF2

 4444F2

 2C2CF2

 1313F2

 0000F2

# Harmonies

## Analogous

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



C3DAF3



D5D5F2



E6D1E9

# Triad

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



D5D5F2



F2D0C1



B9E0D2

# Complementary

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



D5D5F2



F2F2D5

# 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.



C7DDC5



D5D5F2



E7D5BB

# Square

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



D5D5F2



F6CECD



D8DABC



B3E0E1

# Rectangle

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



D5D5F2



EFCEE1



D8DABC



BDDFCE



# Sweetspot

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



D5D5F2



F5F5FF



D5F2F2



797980



000000



808080



# Same Dimension

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



D5D5F2



DBDBFF



E3D5F2



6C6C78



0000B8



000038



# Inverse Universe

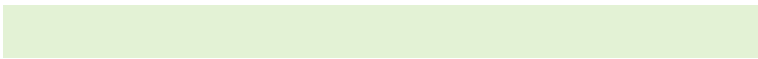
The Inverse Universe completely reimagines the original color for something new.



F2D5F2



FFDBFF



E3F2D5



786C78



B800B8

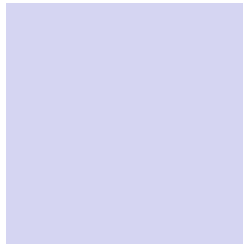


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# Previews

## White Background



This preview shows how the Hex color D5D5F2 looks on a white background.

## Color Contrast Check

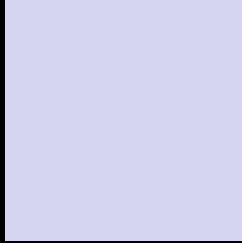
Large Text (above 18pt) WCAG AA × Fail

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 D5D5F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

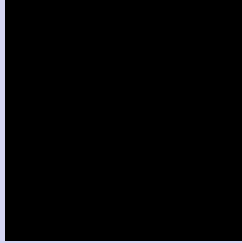
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5D5F2 Background



This preview shows how black text looks on a background with the Hex color D5D5F2.

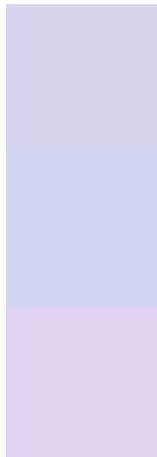


This preview shows how white text looks on a background with the Hex color D5D5F2.

# 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**  
D5D5F2

**Protanopia**  
D3D6F2

**Deuteranopia**  
DFD2F3



**Tritanopia**  
D3D7E8

# Trichromacy



**Original Color**  
D5D5F2

**Protanomaly**  
D4D6F2

**Deuteranomaly**  
DBD3F3

**Tritanomaly**  
D4D6EC

# Monochromacy



**Original Color**  
D5D5F2

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D7D7E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5D5F2 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 #D5D5F2 looks like.

```
.text, #text, p{  
    color:#D5D5F2  
}
```

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 #D5D5F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D5F2
}
```

## Border

The CSS property to change the border of an element to Hex D5D5F2 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
#D5D5F2 }
```

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

```
.border{ border-color:#D5D5F2 }
```

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

Here you see how a box with a 4 pixel #D5D5F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D5F2; -webkit-box-shadow:4px 4px  
4px 4px #D5D5F2; box-shadow:4px 4px 4px  
4px #D5D5F2 }
```

# Background

The CSS property to change the background color of an element to Hex D5D5F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D5F2 }
```

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

```
.background{ background-color:#D5D5F2 }
```

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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