

Converting Colors

Hex(DD5ED1)

Have a look what the booklet for
Hex(DD5ED1) contains.

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Color

Hex(DD5ED1)

Conversions

Conversions Part 1

Format	Color
Hex	DD5ED1
RGB	221, 94, 209
RGB Percent	87%, 37%, 82%
CMY	0.1333, 0.6314, 0.1804
CMYK	0.00, 0.57, 0.05, 0.13
HSL	306°, 65%, 62%
HSV	306°, 57%, 87%
XYZ	45.3301, 27.9810, 63.3333
YIQ	145.0830, 38.7770, 62.6890

Conversions

Conversions Part 2

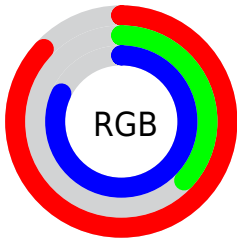
Format	Color
R_{YB}	221, 94, 209
Decimal	14507729
CIE _{Lab}	59.87, 63.62, -36.14
CIE _{LCh}	60, 73.163, 330.401
Yxy	27.9810, 0.3317, 0.2048
Android (android.graphics.Color)	4292697809 (0xFFDD5ED1)
YUV	145.0830, 31.5111, 66.5792
Hunter-Lab	52.8971, 60.3956, -33.9596

Details

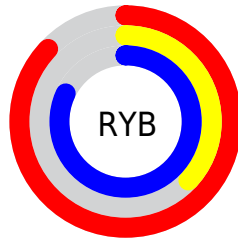
The Hex color **DD5ED1** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5EDD6A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF96FF**, and **A3219A** is the 20% darker color. If you saturate the color by 10%, you get **DD48CF**, and if you desaturate by 10%, it is **DD74D3**.

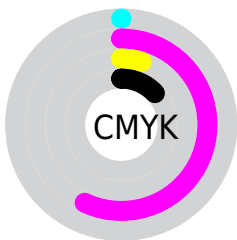
Distribution



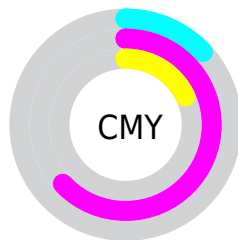
- Red (87%)
- Green (37%)
- Blue (82%)



- Red (87%)
- Yellow (37%)
- Blue (82%)



- Cyan (0%)
- Magenta (57%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD5ED1 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 DD5ED1 by changing the saturation by 10% instead.

 DD5ED1

 DD5ED1

FFFFFF

 C041B5

 FF96FF

 A3219A

 FFB3FF

 870080

 FFD0FF

 6B0066

 FFEDFF

 50004E

 380037

 180020

 000003

 000000

 DD5ED1

 DD5ED1

 DD48CF

 DD74D3

 DD32CD

 DD8AD5

 DD1CCB

 DDA0D7

 DD06C9

 DDB6D9

 DD00C8

 DDCDDB

 DDE3DE

 DDF9E0

 DDFFE2

 DDFFE4

Harmonies

Analogous

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



8C7FFF



DD5ED1



FF4892

Triad

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



DD5ED1



AC8E00



00ADD0

Complementary

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



DD5ED1



5EDD6A

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.



00AD8F



DD5ED1



6C9F00

Square

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



DD5ED1



DE7414



00A94C



00A7FF

Rectangle

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



DD5ED1



FF4E68



00A94C



00ADB8

Sweetspot

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



DD5ED1



FFD4FB



695EDD



80667D



000000



808080

Same Dimension

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



DD5ED1



FF4FEE



DD5E93



6E636D



AD009D



2E002A

Inverse Universe

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



DD5ED1



FF4FEE



5EDDA8



6E636D



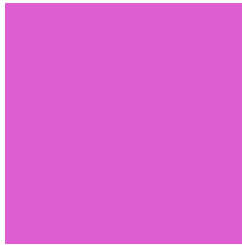
AD009D



2E002A

Previews

White Background



This preview shows how the Hex color DD5ED1 looks on a white background.

Color Contrast Check

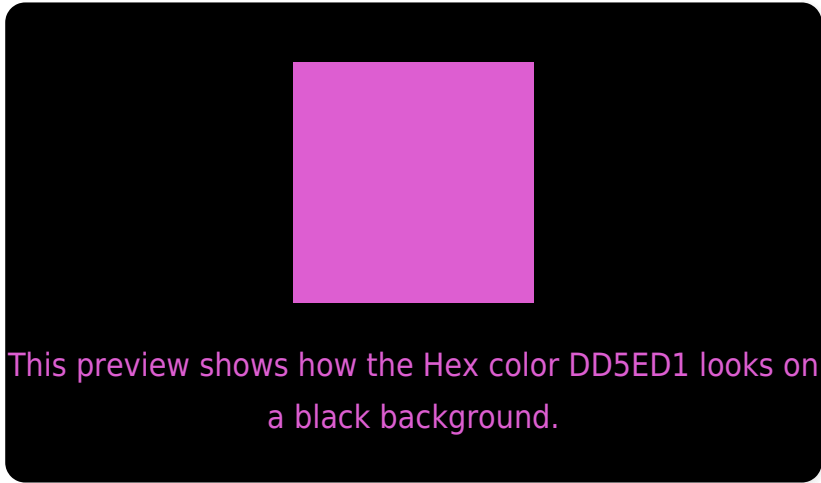
Large Text (above 18pt) WCAG AA ✓ Pass

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

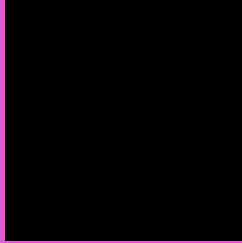
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex DD5ED1 Background



This preview shows how black text looks on a background with the Hex color DD5ED1.

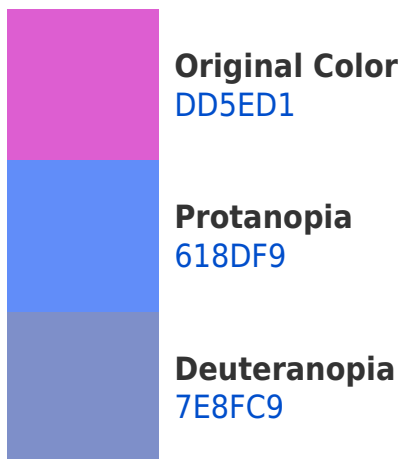



This preview shows how white text looks on a background with the Hex color DD5ED1.

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
D3747C

Trichromacy



Original Color
DD5ED1



Protanomaly
8E7CEA



Deuteranomaly
A17DCC



Tritanomaly
D76C9B

Monochromacy



Original Color
DD5ED1



Achromatopsia
919191



Achromatomaly
AD7EA8

CSS Examples

Text

The CSS property to change the color of the text to Hex DD5ED1 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 #DD5ED1 looks like.

```
.text, #text, p{  
    color:#DD5ED1  
}
```

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 #DD5ED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5ED1
}
```

Border

The CSS property to change the border of an element to Hex DD5ED1 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
#DD5ED1 }
```

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

```
.border{ border-color:#DD5ED1 }
```

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

Here you see how a box with a 4 pixel #DD5ED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5ED1; -webkit-box-shadow:4px 4px  
4px 4px #DD5ED1; box-shadow:4px 4px 4px  
4px #DD5ED1 }
```

Background

The CSS property to change the background color of an element to Hex DD5ED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5ED1 }
```

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

```
.background{ background-color:#DD5ED1 }
```

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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