

Converting Colors

Hex(D55DB9)

Have a look what the booklet for
Hex(D55DB9) contains.

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Color

Hex(D55DB9)

Conversions

Conversions Part 1

Format	Color
Hex	D55DB9
RGB	213, 93, 185
RGB Percent	84%, 36%, 73%
CMY	0.1647, 0.6353, 0.2745
CMYK	0.00, 0.56, 0.13, 0.16
HSL	314°, 59%, 60%
HSV	314°, 56%, 84%
XYZ	40.1119, 25.4776, 48.7025
YIQ	139.3680, 41.9880, 54.0520

Conversions

Conversions Part 2

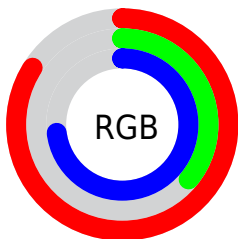
Format	Color
R_{YB}	213, 93, 185
Decimal	13983161
CIE _{Lab}	57.54, 58.07, -26.16
CIE _{LCh}	58, 63.692, 335.745
Yxy	25.4776, 0.3510, 0.2229
Android (android.graphics.Color)	4292173241 (0xFFD55DB9)
YUV	139.3680, 22.4966, 64.5753
Hunter-Lab	50.4754, 53.5189, -21.8748

Details

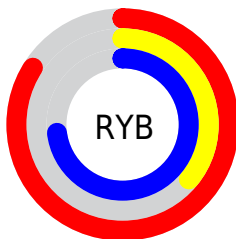
The Hex color **D55DB9** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5DD579**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF94F1**, and **9B2284** is the 20% darker color. If you saturate the color by 10%, you get **D548B4**, and if you desaturate by 10%, it is **D572BE**.

Distribution



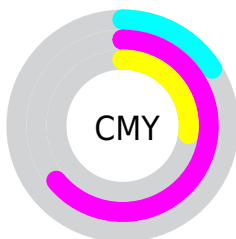
- Red (84%)
- Green (36%)
- Blue (73%)



- Red (84%)
- Yellow (36%)
- Blue (73%)



- Cyan (0%)
- Magenta (56%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D55DB9 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 D55DB9 by changing the saturation by 10% instead.

 D55DB9

 D55DB9

FFFFFF

 B8419E

 FF94F1

 9B2284

 FFB1FF

 7F006A

 FFCDFD

 640052

 FFEAFF

 49003A

 310025

 06000C

 000000

 D55DB9

 D55DB9

 D548B4

 D572BE

 D532AF

 D588C3

 D51DAA

 D59DC8

 D508A5

 D5B2CD

 D500A3

 D5C8D2

 D5DDD7

 D5F2DC

 D5FFE1

 D5FFE6

Harmonies

Analogous

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



9976E5



D55DB9



ED5182

Triad

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



D55DB9



9B8B00



00A3CA

Complementary

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



D55DB9



5DD579

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.



00A494



D55DB9



619925

Square

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



D55DB9



C9761C



00A15A



009CEF

Rectangle

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



D55DB9



EC585D



00A15A



00A4B9

Sweetspot

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



D55DB9



FFD4F5



795DD5



80667A



000000



808080

Same Dimension

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



D55DB9



FF52D7



D55D7D



6B6069



AB0083



2B0021

Inverse Universe

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



D55DB9



FF52D7



5DD5B5



6B6069



AB0083



2B0021

Previews

White Background



This preview shows how the Hex color D55DB9 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

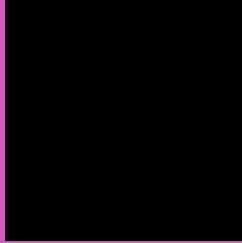
Any Text WCAG AA ✓ Pass

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 D55DB9 Background



This preview shows how black text looks on a background with the Hex color D55DB9.

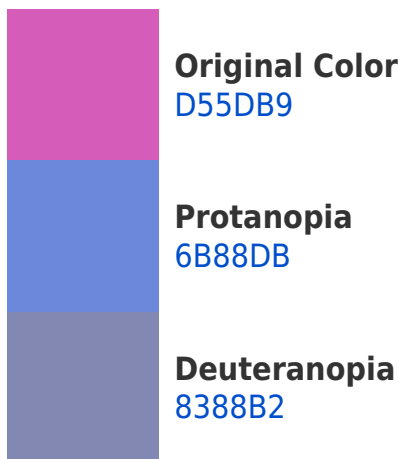


This preview shows how white text looks on a background with the Hex color D55DB9.

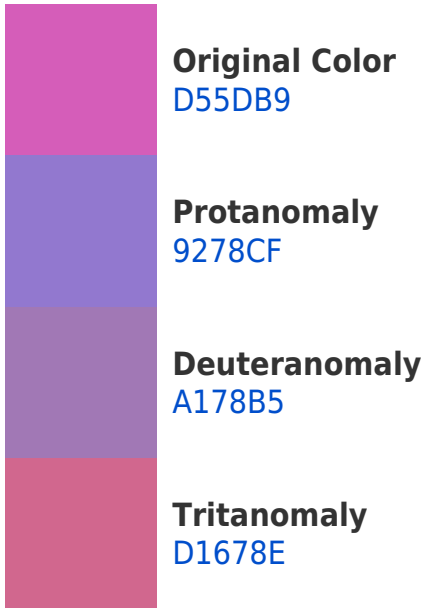
Color Blindness Simulation

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](#).

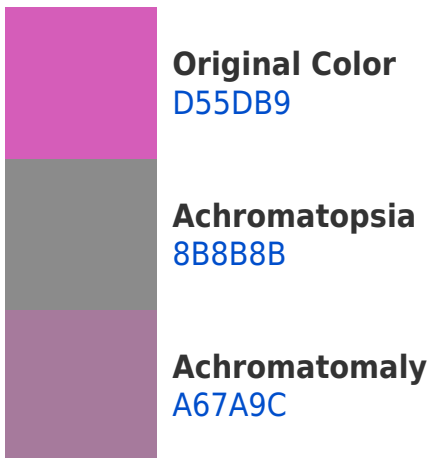
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D55DB9 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 #D55DB9 looks like.

```
.text, #text, p{  
    color:#D55DB9  
}
```

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 #D55DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55DB9
}
```

Border

The CSS property to change the border of an element to Hex D55DB9 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
#D55DB9 }
```

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

```
.border{ border-color:#D55DB9 }
```

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

Here you see how a box with a 4 pixel #D55DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55DB9; -webkit-box-shadow:4px 4px  
4px 4px #D55DB9; box-shadow:4px 4px 4px  
4px #D55DB9 }
```

Background

The CSS property to change the background color of an element to Hex D55DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55DB9 }
```

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

```
.background{ background-color:#D55DB9 }
```

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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