

Converting Colors

Hex(DD51A1)

Have a look what the booklet for
Hex(DD51A1) contains.

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Color

Hex(DD51A1)

Conversions

Conversions Part 1

Format	Color
Hex	DD51A1
RGB	221, 81, 161
RGB Percent	87%, 32%, 63%
CMY	0.1333, 0.6824, 0.3686
CMYK	0.00, 0.63, 0.27, 0.13
HSL	326°, 67%, 59%
HSV	326°, 63%, 87%
XYZ	39.1942, 23.8302, 36.2521
YIQ	131.9800, 57.7600, 54.5600

Conversions

Conversions Part 2

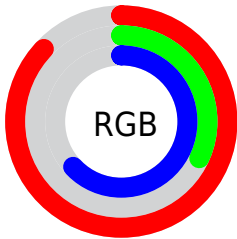
Format	Color
R _Y B	221, 81, 161
Decimal	14504353
CIE Lab	55.92, 62.17, -14.62
CIE LCh	56, 63.869, 346.765
Yxy	23.8302, 0.3948, 0.2400
Android (android.graphics.Color)	4292694433 (0xFFDD51A1)
YUV	131.9800, 14.3069, 78.0705
Hunter-Lab	48.8162, 57.8882, -9.8589

Details

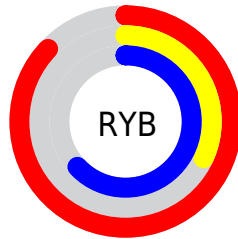
The Hex color **DD51A1** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **51DD8D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8AD8**, and **A2086D** is the 20% darker color. If you saturate the color by 10%, you get **DD3B98**, and if you desaturate by 10%, it is **DD67AA**.

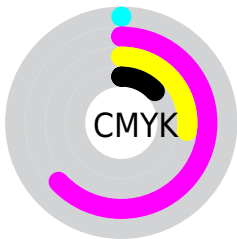
Distribution



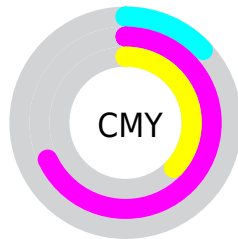
- Red (87%)
- Green (32%)
- Blue (63%)



- Red (87%)
- Yellow (32%)
- Blue (63%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD51A1 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 DD51A1 by changing the saturation by 10% instead.

 DD51A1

 DD51A1

FFFFFF

 BF3387

 FF8AD8

 A2086D

 FFA6F4

 850055

 FFC3FF

 69003E

 FFE0FF

 4D0028

FFFEFF

 330012

 040000

 000000

 DD51A1

 DD51A1

 DD3B98

 DD67AA

 DD258E

 DD7DB4

 DD0F85

 DD93BD

 DD007E

 DDA9C7

 DDC0D0

 DDD6DA

 DDECE3

 DDF FED

 DDFFF6

Harmonies

Analogous

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



AF68D3



DD51A1



E94E69

Triad

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



DD51A1



838D00



009DD6

Complementary

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



DD51A1



51DD8D

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.



00A0A4



DD51A1



3F9833

Square

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



DD51A1



B57B00



009E6B



0093F2

Rectangle

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



DD51A1



E15B46



009E6B



009EC7

Sweetspot

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



DD51A1



FFCFEA



8B51DD



806273



000000



808080

Same Dimension

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



DD51A1



FF3DAC



DD515D



6E6369



AD0063



2E001A

Inverse Universe

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



DD51A1



FF3DAC



51DDD1



6E6369



AD0063



2E001A

Previews

White Background



This preview shows how the Hex color DD51A1 looks on a white background.

Color Contrast Check

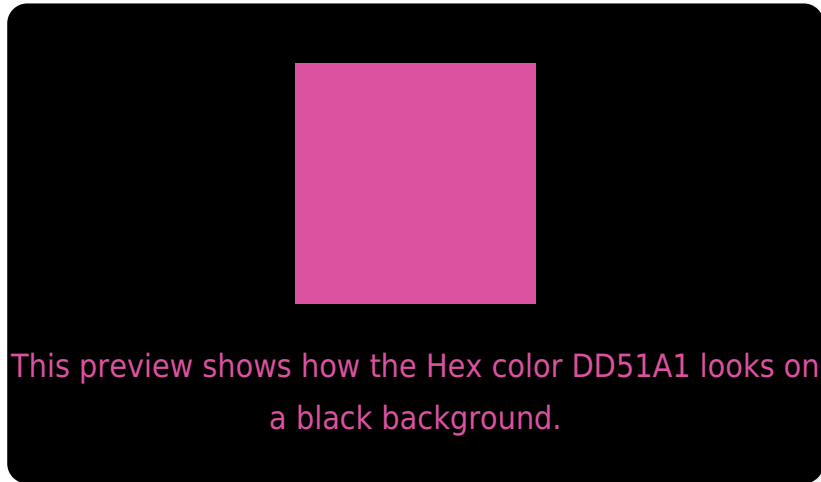
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD51A1 Background



This preview shows how black text looks on a background with the Hex color DD51A1.

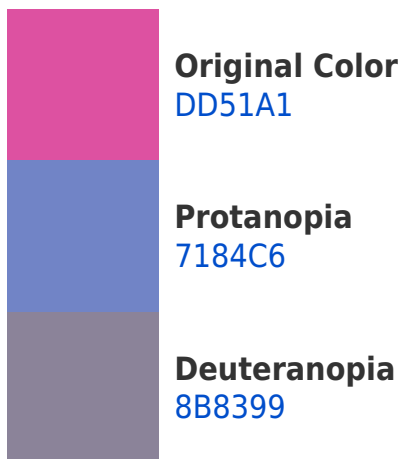


This preview shows how white text looks on a background with the Hex color DD51A1.

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](#).

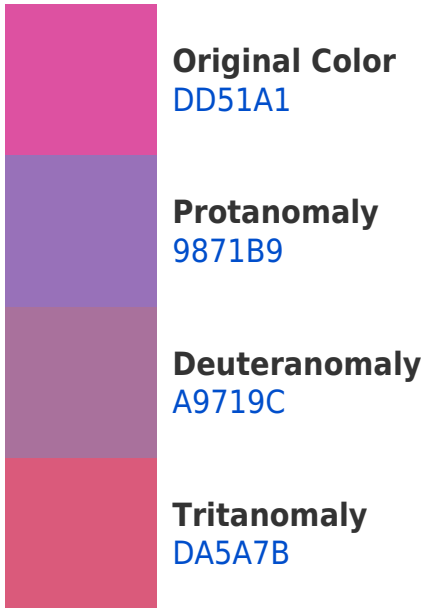
Dichromacy



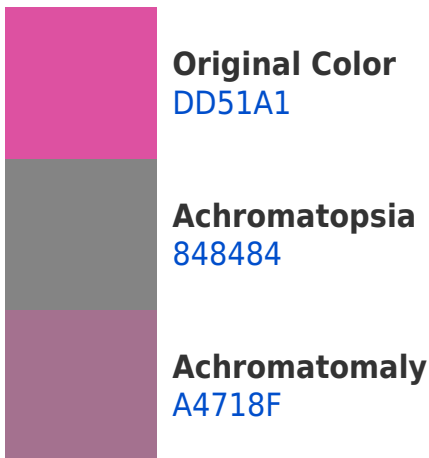


Tritanopia
D85F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD51A1 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 #DD51A1 looks like.

```
.text, #text, p{  
    color:#DD51A1  
}
```

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 #DD51A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD51A1
}
```

Border

The CSS property to change the border of an element to Hex DD51A1 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
#DD51A1 }
```

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

```
.border{ border-color:#DD51A1 }
```

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

Here you see how a box with a 4 pixel #DD51A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD51A1; -webkit-box-shadow:4px 4px  
4px 4px #DD51A1; box-shadow:4px 4px 4px  
4px #DD51A1 }
```

Background

The CSS property to change the background color of an element to Hex DD51A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD51A1 }
```

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

```
.background{ background-color:#DD51A1 }
```

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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