

Converting Colors

Hex(DD53A8)

Have a look what the booklet for
Hex(DD53A8) contains.

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Color

Hex(DD53A8)

Conversions

Conversions Part 1

Format	Color
Hex	DD53A8
RGB	221, 83, 168
RGB Percent	87%, 33%, 66%
CMY	0.1333, 0.6745, 0.3412
CMYK	0.00, 0.62, 0.24, 0.13
HSL	323°, 67%, 60%
HSV	323°, 62%, 87%
XYZ	39.9799, 24.3858, 39.6455
YIQ	133.9520, 54.9630, 55.6910

Conversions

Conversions Part 2

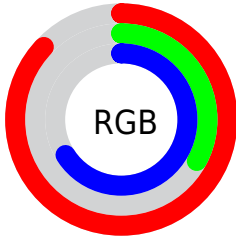
Format	Color
R _Y B	221, 83, 168
Decimal	14504872
CIE _{Lab}	56.47, 62.25, -17.86
CIE _{LCh}	56, 64.765, 343.989
Y _{xy}	24.3858, 0.3844, 0.2345
Android (android.graphics.Color)	4292694952 (0xFFDD53A8)
Y _{UV}	133.9520, 16.7857, 76.3411
Hunter-Lab	49.3820, 58.0961, -13.0326

Details

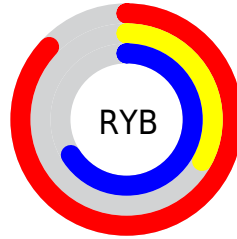
The Hex color **DD53A8** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53DD88**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8CDF**, and **A20D74** is the 20% darker color. If you saturate the color by 10%, you get **DD3DA0**, and if you desaturate by 10%, it is **DD69B0**.

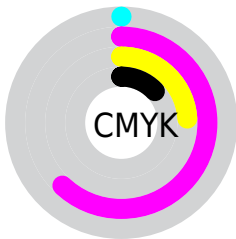
Distribution



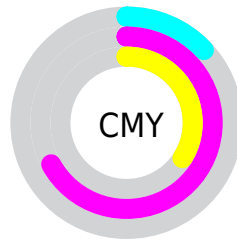
- Red (87%)
- Green (33%)
- Blue (66%)



- Red (87%)
- Yellow (33%)
- Blue (66%)



- Cyan (0%)
- Magenta (62%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD53A8 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 DD53A8 by changing the saturation by 10% instead.

 DD53A8

 DD53A8

FFFFFF

 BF358E

 FF8CDF

 A20D74

 FFA8FC

 86005B

 FFC5FF

 6A0044

 FFE2FF

 4E002D

 340018

 0A0000

 000000

 DD53A8

 DD53A8

 DD3DA0

 DD69B0

 DD2797

 DD7FB9

 DD118F

 DD95C1

 DD0088

 DDABCA

 DDC2D2

 DDD8DB

 DDEEE3

 DDF FEC

 DDFFF4

Harmonies

Analogous

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



AB6CD9



DD53A8



EC4E6F

Triad

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



DD53A8



8A8D00



009FD5

Complementary

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



DD53A8



53DD88

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.



00A1A1



DD53A8



47992E

Square

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



DD53A8



BB7A03



009F66



0096F4

Rectangle

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



DD53A8



E5594C



009F66



00A0C5

Sweetspot

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



DD53A8



FFCFEC



8853DD



806274



000000



808080

Same Dimension

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



DD53A8



FF40B6



DD5363



6E6369



AD006B



2E001C

Inverse Universe

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



DD53A8



FF40B6



53DDCD



6E6369



AD006B



2E001C

Previews

White Background



This preview shows how the Hex color DD53A8 looks on a white background.

Color Contrast Check

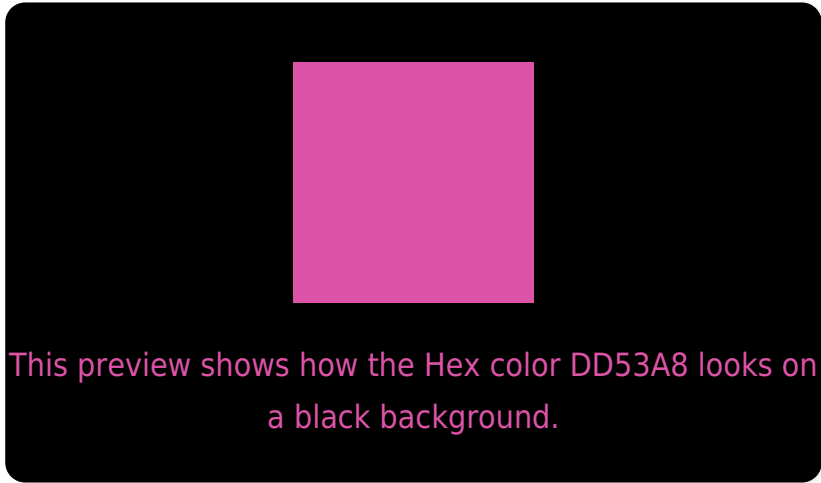
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD53A8 Background



This preview shows how black text looks on a background with the Hex color DD53A8.

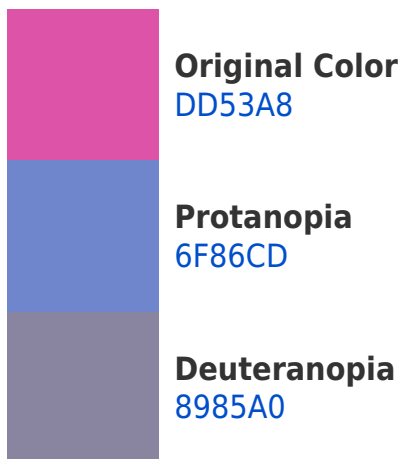


This preview shows how white text looks on a background with the Hex color DD53A8.

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](#).

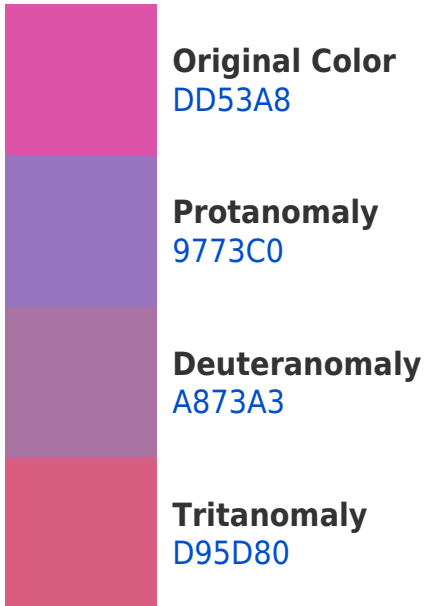
Dichromacy



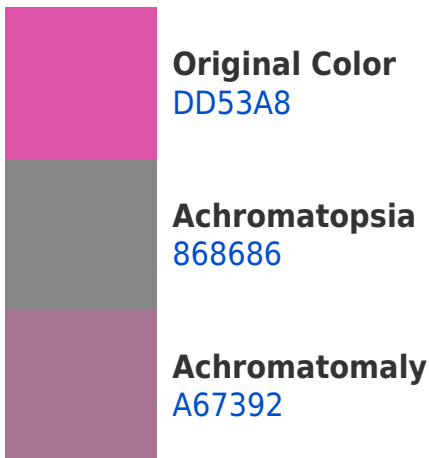


Tritanopia
D76269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD53A8 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 #DD53A8 looks like.

```
.text, #text, p{  
    color:#DD53A8  
}
```

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 #DD53A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD53A8
}
```

Border

The CSS property to change the border of an element to Hex DD53A8 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
#DD53A8 }
```

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

```
.border{ border-color:#DD53A8 }
```

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

Here you see how a box with a 4 pixel #DD53A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD53A8; -webkit-box-shadow:4px 4px  
4px 4px #DD53A8; box-shadow:4px 4px 4px  
4px #DD53A8 }
```

Background

The CSS property to change the background color of an element to Hex DD53A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD53A8 }
```

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

```
.background{ background-color:#DD53A8 }
```

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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