

Converting Colors

Hex(DB53A5)

Have a look what the booklet for
Hex(DB53A5) contains.

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Color

Hex(**DB53A5**)

Conversions

Conversions Part 1

Format	Color
Hex	DB53A5
RGB	219, 83, 165
RGB Percent	86%, 33%, 65%
CMY	0.1412, 0.6745, 0.3529
CMYK	0.00, 0.62, 0.25, 0.14
HSL	324°, 65%, 59%
HSV	324°, 62%, 86%
XYZ	39.0982, 23.9632, 38.1620
YIQ	133.0120, 54.7340, 54.3340

Conversions

Conversions Part 2

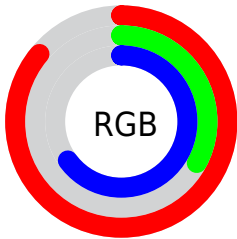
Format	Color
R _{YB}	219, 83, 165
Decimal	14373797
CIE Lab	56.05, 61.29, -16.79
CIE LCh	56, 63.550, 344.685
Yxy	23.9632, 0.3863, 0.2367
Android (android.graphics.Color)	4292563877 (0xFFDB53A5)
YUV	133.0120, 15.7701, 75.4115
Hunter-Lab	48.9522, 56.9018, -11.9545

Details

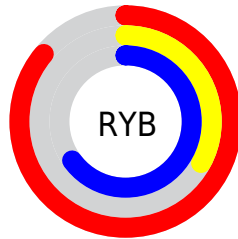
The Hex color **DB53A5** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53DB89**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8BDC**, and **A00F71** is the 20% darker color. If you saturate the color by 10%, you get **DB3D9C**, and if you desaturate by 10%, it is **DB69AE**.

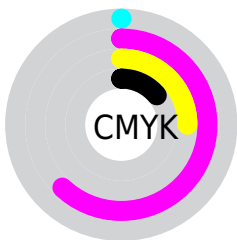
Distribution



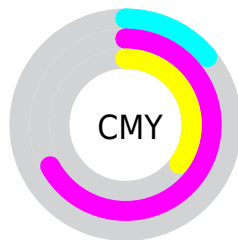
- Red (86%)
- Green (33%)
- Blue (65%)



- Red (86%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB53A5 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 DB53A5 by changing the saturation by 10% instead.

 DB53A5

 DB53A5

FFFFFF

 BD358B

 FF8BDC

 A00F71

 FFA8F9

 840058

 FFC4FF

 680041

 FFE2FF

 4C002B

 320016

 030000

 000000

 DB53A5

 DB53A5

 DB3D9C

 DB69AE

 DB2794

 DB7FB6

 DB118B

 DB95BF

 DB0084

 DBABC8

 DBC1D0

 DBD6D9

 DBECE2

 DBFFEB

 DBFFF3

Harmonies

Analogous

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



AB6BD6



DB53A5



E94F6E

Triad

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



DB53A5



878C00



009DD3

Complementary

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



DB53A5



53DB89

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.



00A0A1



DB53A5



469830

Square

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



DB53A5



B87906



009E67



0095F1

Rectangle

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



DB53A5



E25A4B



009E67



009FC4

Sweetspot

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



DB53A5



FFCFEC



8753DB



806274



000000



808080

Same Dimension

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



DB53A5



FF40B3



DB5363



6E6369



AD0069



2E001C

Inverse Universe

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



DB53A5



FF40B3



53DBC8



6E6369



AD0069



2E001C

Previews

White Background



This preview shows how the Hex color DB53A5 looks on a white background.

Color Contrast Check

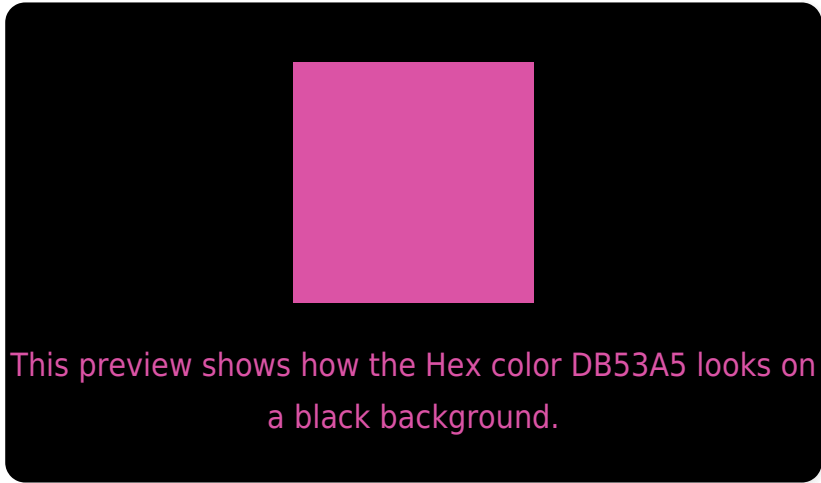
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB53A5 Background



This preview shows how black text looks on a background with the Hex color DB53A5.

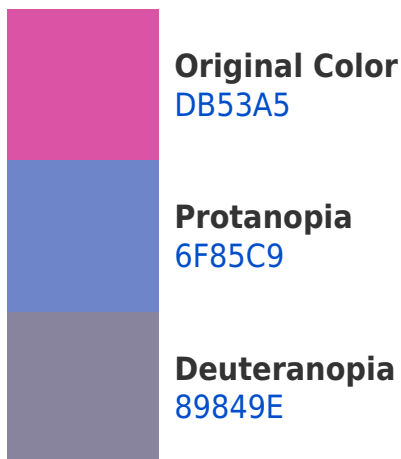


This preview shows how white text looks on a background with the Hex color DB53A5.

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](#).

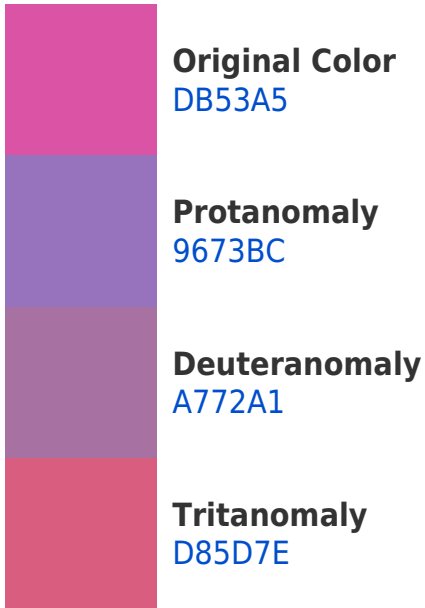
Dichromacy



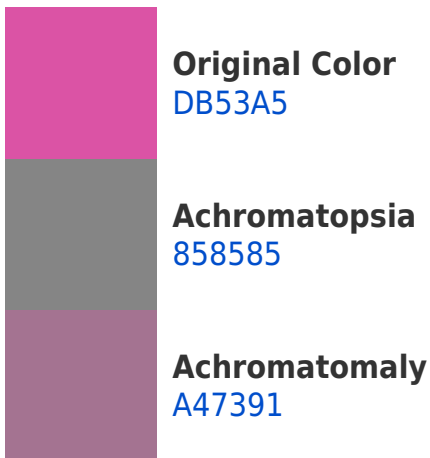


Tritanopia
D66268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB53A5 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 #DB53A5 looks like.

```
.text, #text, p{  
    color:#DB53A5  
}
```

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 #DB53A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB53A5
}
```

Border

The CSS property to change the border of an element to Hex DB53A5 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
#DB53A5 }
```

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

```
.border{ border-color:#DB53A5 }
```

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

Here you see how a box with a 4 pixel #DB53A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB53A5; -webkit-box-shadow:4px 4px  
4px 4px #DB53A5; box-shadow:4px 4px 4px  
4px #DB53A5 }
```

Background

The CSS property to change the background color of an element to Hex DB53A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB53A5 }
```

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

```
.background{ background-color:#DB53A5 }
```

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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