

# Converting Colors

Hex(DB33A5)

Have a look what the booklet for  
Hex(DB33A5) contains.

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**Color**

**Hex(DB33A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB33A5
RGB	219, 51, 165
RGB Percent	86%, 20%, 65%
CMY	0.1412, 0.8000, 0.3529
CMYK	0.00, 0.77, 0.25, 0.14
HSL	319°, 70%, 53%
HSV	319°, 77%, 86%
XYZ	37.1888, 20.1443, 37.5255
YIQ	114.2280, 63.5340, 71.0700

# Conversions

## Conversions Part 2

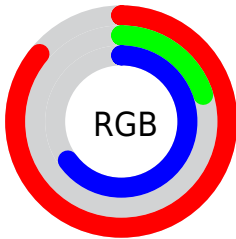
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 51, 165
Decimal	14365605
CIE <sub>Lab</sub>	52.00, 72.60, -22.98
CIE <sub>LCh</sub>	52, 76.150, 342.435
Yxy	20.1443, 0.3920, 0.2124
Android (android.graphics.Color)	4292555685 (0xFFDB33A5)
YUV	114.2280, 25.0306, 91.8850
Hunter-Lab	44.8824, 69.3576, -18.1537

# Details

The Hex color **DB33A5** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **33DB69**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF72DC**, and **9F0071** is the 20% darker color. If you saturate the color by 10%, you get **DB1D9E**, and if you desaturate by 10%, it is **DB49AC**.

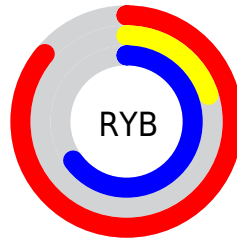
# Distribution



Red (86%)

Green (20%)

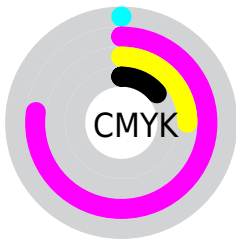
Blue (65%)



Red (86%)

Yellow (20%)

Blue (65%)

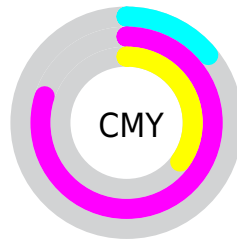


Cyan (0%)

Magenta (77%)

Yellow (25%)

Black (14%)



Cyan (14%)

Magenta (80%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB33A5 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 DB33A5 by changing the saturation by 10% instead.



 DB33A5

 DB33A5

FFFFFF

 BD008B

 FF72DC

 9F0071

 FF90F9

 820058

 FFADFF

 660041

 FFCAFF

 4A002B

 FFE8FF

 2E0015

 000000

 DB33A5

 DB33A5

 DB1D9E

 DB49AC

 DB0797

 DB5FB3

 DB0095

 DB75BA

 DB8BC1

 DBA1C8

 DBB6CF

 DBCCD6

 DBE2DD

 DBF8E4

# Harmonies

## Analogous

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



9E5CDE



DB33A5



ED2564

# Triad

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



DB33A5



7E8200



0096D3

# Complementary

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



DB33A5



33DB69

# 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.



009896



DB33A5



2A8F00

# Square

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



DB33A5



B56B00



009652



008EF9

# Rectangle

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



DB33A5



E53B3A



009652



0098C1



# Sweetspot

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



DB33A5



FFC4EC



6833DB



805C74



000000



808080



# Same Dimension

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



DB33A5



FF14B4



DB3352



6E636A



AD0076



2E001F



# Inverse Universe

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



DB33A5



FF14B4



33DBBC



6E636A



AD0076



2E001F



# Previews

## White Background



This preview shows how the Hex color DB33A5 looks on a white background.

## Color Contrast Check

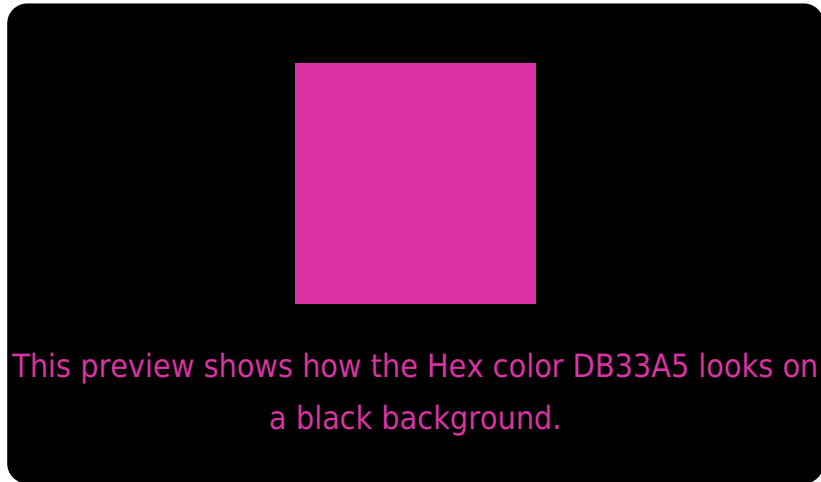
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB33A5 Background



This preview shows how black text looks on a background with the Hex color DB33A5.

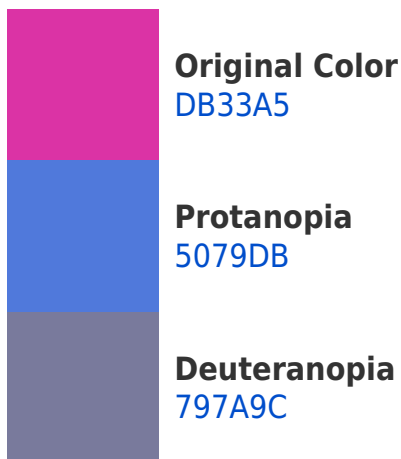



This preview shows how white text looks on a background with the Hex color DB33A5.

# 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**  
D44E53

# Trichromacy



**Original Color**  
DB33A5



**Protanomaly**  
8360C7



**Deuteranomaly**  
9D609F



**Tritanomaly**  
D74471

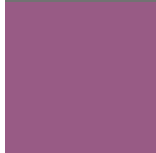
# Monochromacy



**Original Color**  
DB33A5



**Achromatopsia**  
727272



**Achromatomaly**  
985B85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB33A5 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 #DB33A5 looks like.

```
.text, #text, p{  
    color:#DB33A5  
}
```

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 #DB33A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB33A5
}
```

## Border

The CSS property to change the border of an element to Hex DB33A5 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
#DB33A5 }
```

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

```
.border{ border-color:#DB33A5 }
```

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

Here you see how a box with a 4 pixel #DB33A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB33A5; -webkit-box-shadow:4px 4px  
4px 4px #DB33A5; box-shadow:4px 4px 4px  
4px #DB33A5 }
```

# Background

The CSS property to change the background color of an element to Hex DB33A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB33A5 }
```

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

```
.background{ background-color:#DB33A5 }
```

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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