

Converting Colors

Hex(DB54D7)

Have a look what the booklet for
Hex(DB54D7) contains.

Hex(DB54D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DB54D7)

Conversions

Conversions Part 1

Format	Color
Hex	DB54D7
RGB	219, 84, 215
RGB Percent	86%, 33%, 84%
CMY	0.1412, 0.6706, 0.1569
CMYK	0.00, 0.62, 0.02, 0.14
HSL	302°, 65%, 59%
HSV	302°, 62%, 86%
XYZ	44.6495, 26.3070, 67.0145
YIQ	139.2990, 38.4090, 69.3610

Conversions

Conversions Part 2

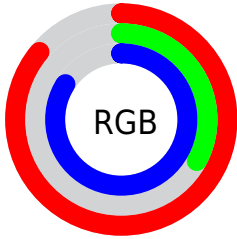
Format	Color
R _Y B	219, 84, 215
Decimal	14374103
CIE Lab	58.33, 68.31, -41.97
CIE LCh	58, 80.173, 328.430
Yxy	26.3070, 0.3236, 0.1907
Android (android.graphics.Color)	4292564183 (0xFFDB54D7)
YUV	139.2990, 37.3206, 69.8978
Hunter-Lab	51.2904, 65.6304, -41.5633

Details

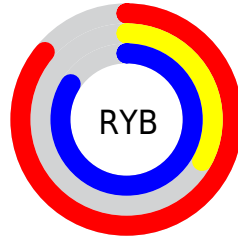
The Hex color **DB54D7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **54DB58**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF8DFF**, and **A10AA0** is the 20% darker color. If you saturate the color by 10%, you get **DB3ED6**, and if you desaturate by 10%, it is **DB6AD8**.

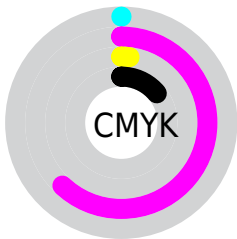
Distribution



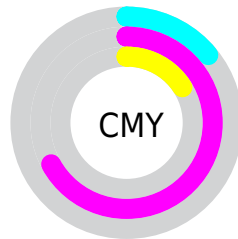
- Red (86%)
- Green (33%)
- Blue (84%)



- Red (86%)
- Yellow (33%)
- Blue (84%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB54D7 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 DB54D7 by changing the saturation by 10% instead.

 DB54D7

 DB54D7

FFFFFF

 BE35BB

 FF8DFF

 A10AA0

 FFAAFF

 840085

 FFC7FF

 68006B

 FFE4FF

 4D0052

 34003B

 120024

 00000B

 000000

 DB54D7

 DB54D7

 DB3ED6

 DB6AD8

 DB28D6

 DB80D8

 DB12D5

 DB96D9

 DB00D5

 DBACDA

 DBC2DA

 DBD7DB

 DBEDDC

 DBFFDC

 DBFFDD

Harmonies

Analogous

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



7B7BFF



DB54D7



FF3393

Triad

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



DB54D7



AC8800



00AACE

Complementary

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



DB54D7



54DB58

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.



00AA86



DB54D7



679B00

Square

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



DB54D7



E16A00



00A63C



00A5FF

Rectangle

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



DB54D7



FF3965



00A63C



00ABB7

Sweetspot

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



DB54D7



FFD1FE



5654DB



80637F



000000



808080

Same Dimension

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



DB54D7



FF42F9



DB5495



6E636D



AD00A8



2E002D

Inverse Universe

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



DB54D7



FF42F9



54DB9A



6E636D



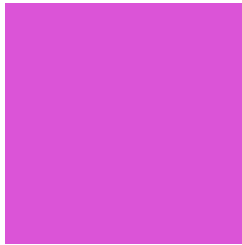
AD00A8



2E002D

Previews

White Background



This preview shows how the Hex color DB54D7 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 DB54D7 Background



This preview shows how black text looks on a background with the Hex color DB54D7.

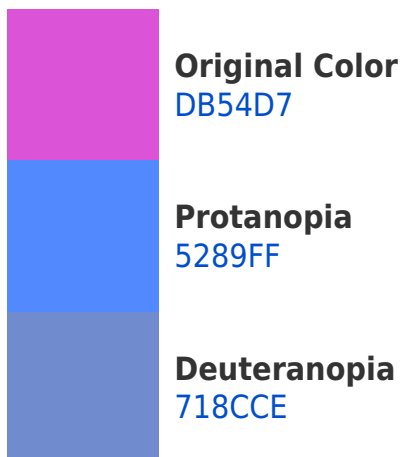


This preview shows how white text looks on a background with the Hex color DB54D7.

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](#).

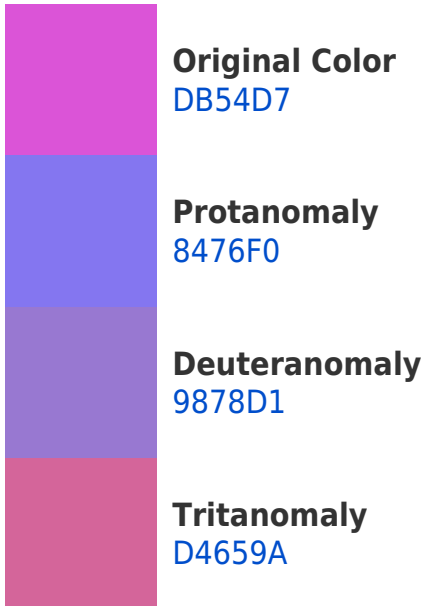
Dichromacy



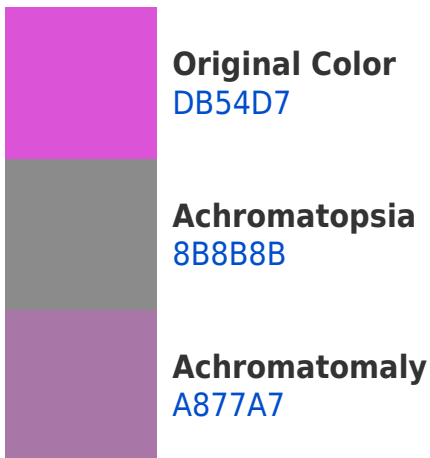


Tritanopia
D06F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB54D7 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 #DB54D7 looks like.

```
.text, #text, p{  
    color:#DB54D7  
}
```

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 #DB54D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB54D7
}
```

Border

The CSS property to change the border of an element to Hex DB54D7 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
#DB54D7 }
```

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

```
.border{ border-color:#DB54D7 }
```

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

Here you see how a box with a 4 pixel #DB54D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB54D7; -webkit-box-shadow:4px 4px  
4px 4px #DB54D7; box-shadow:4px 4px 4px  
4px #DB54D7 }
```

Background

The CSS property to change the background color of an element to Hex DB54D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB54D7 }
```

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

```
.background{ background-color:#DB54D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor