

# Converting Colors

Hex(DB72C0)

Have a look what the booklet for  
Hex(DB72C0) contains.

<b>Hex(DB72C0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DB72C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB72C0
RGB	219, 114, 192
RGB Percent	86%, 45%, 75%
CMY	0.1412, 0.5529, 0.2471
CMYK	0.00, 0.48, 0.12, 0.14
HSL	315°, 59%, 65%
HSV	315°, 48%, 86%
XYZ	44.7452, 30.9005, 53.4752
YIQ	154.2870, 37.5420, 46.5180

# Conversions

## Conversions Part 2

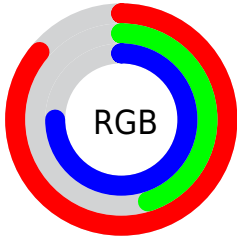
Format	Color
R <sub>Y</sub> B	219, 114, 192
Decimal	14381760
CIE Lab	62.42, 50.93, -22.58
CIE LCh	62, 55.711, 336.087
Yxy	30.9005, 0.3465, 0.2393
Android (android.graphics.Color)	4292571840 (0xFFDB72C0)
YUV	154.2870, 18.5925, 56.7533
Hunter-Lab	55.5882, 46.4025, -18.1246

# Details

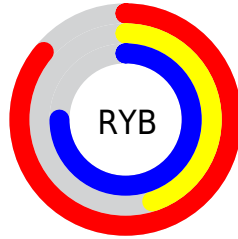
The Hex color **DB72C0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **72DB8D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA9F9**, and **A23C8A** is the 20% darker color. If you saturate the color by 10%, you get **DB5CBA**, and if you desaturate by 10%, it is **DB88C6**.

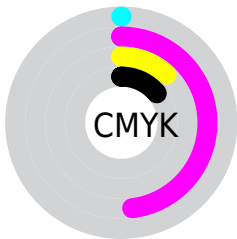
# Distribution



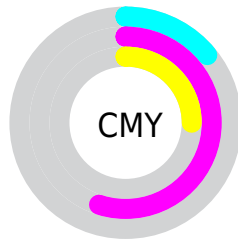
- Red (86%)
- Green (45%)
- Blue (75%)



- Red (86%)
- Yellow (45%)
- Blue (75%)



- Cyan (0%)
- Magenta (48%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB72C0 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 DB72C0 by changing the saturation by 10% instead.



 DB72C0

 DB72C0

FFFFFF

 BE57A5

 FFA9F9

 A23C8A

 FFC5FF

 862071

 FFE2FF

 6B0058

 500040

 38002A

 1B0015

 000000

 DB72C0

 DB72C0

 DB5CBA

 DB88C6

 DB46B5

 DB9ECB

 DB30AF

 DBB4D1

 DB1AA9

 DBCAD7

 DB04A4

 DBE0DC

 DB00A3

 DBF5E2

 DBFFE7

 DBFFED

 DBFFF3

# Harmonies

## Analogous

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



A786E7



DB72C0



F16A8F

# Triad

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



DB72C0



A8982C



00AED0

# Complementary

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



DB72C0



72DB8D

# 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.



00AFA0



DB72C0



74A542

# Square

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



DB72C0



D1863A



1BAC6D



00A7F1

# Rectangle

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



DB72C0



F06E6E



1BAC6D



00AFC1



# Sweetspot

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



DB72C0



FFDBF6



8C72DB



806A7A



000000



808080



# Same Dimension

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



DB72C0



FF6BD9



DB728C



6E636B



AD0081



2E0022



# Inverse Universe

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



DB72C0



FF6BD9



72DBC1



6E636B



AD0081



2E0022



# Previews

## White Background



This preview shows how the Hex color DB72C0 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DB72C0 Background



This preview shows how black text looks on a background with the Hex color DB72C0.



This preview shows how white text looks on a background with the Hex color DB72C0.

# 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



**Original Color**  
DB72C0

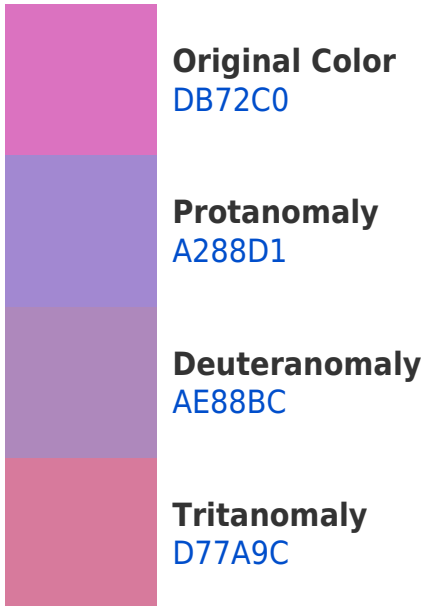
**Protanopia**  
8195DA

**Deuteranopia**  
9494BA

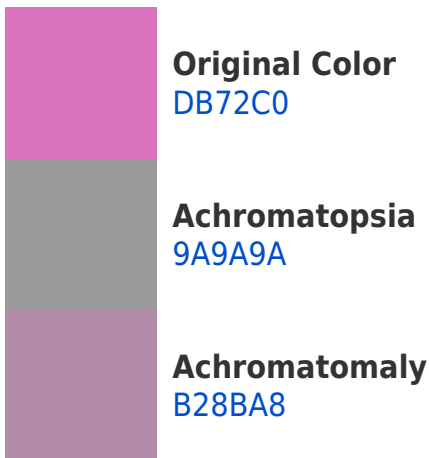


**Tritanopia**  
D57E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB72C0 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 #DB72C0 looks like.

```
.text, #text, p{  
    color:#DB72C0  
}
```

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 #DB72C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB72C0  
}
```

## Border

The CSS property to change the border of an element to Hex DB72C0 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  
#DB72C0 }
```

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

```
.border{ border-color:#DB72C0 }
```

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

Here you see how a box with a 4 pixel #DB72C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB72C0; -webkit-box-shadow:4px 4px  
4px 4px #DB72C0; box-shadow:4px 4px 4px  
4px #DB72C0 }
```

# Background

The CSS property to change the background color of an element to Hex DB72C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB72C0 }
```

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

```
.background{ background-color:#DB72C0 }
```

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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