

# Converting Colors

Hex(DB4795)

Have a look what the booklet for  
Hex(DB4795) contains.

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**Color**

**Hex(DB4795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB4795
RGB	219, 71, 149
RGB Percent	86%, 28%, 58%
CMY	0.1412, 0.7216, 0.4157
CMYK	0.00, 0.68, 0.32, 0.14
HSL	328°, 67%, 57%
HSV	328°, 68%, 86%
XYZ	36.8915, 21.7365, 30.6849
YIQ	124.1440, 63.1700, 55.6340

# Conversions

## Conversions Part 2

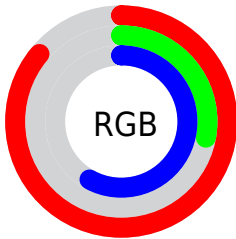
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 71, 149
Decimal	14370709
CIE <sub>Lab</sub>	53.75, 64.09, -10.87
CIE <sub>LCh</sub>	54, 65.010, 350.372
Yxy	21.7365, 0.4131, 0.2434
Android (android.graphics.Color)	4292560789 (0xFFDB4795)
YUV	124.1440, 12.2540, 83.1887
Hunter-Lab	46.6224, 59.6547, -6.3866

# Details

The Hex color **DB4795** 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 **47DB8D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF81CB**, and **A00062** is the 20% darker color. If you saturate the color by 10%, you get **DB318B**, and if you desaturate by 10%, it is **DB5D9F**.

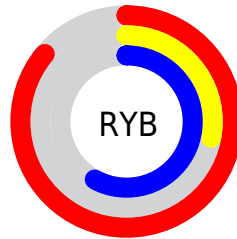
# Distribution



Red (86%)

Green (28%)

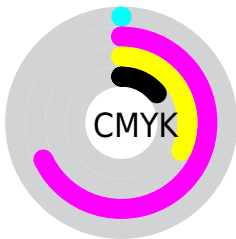
Blue (58%)



Red (86%)

Yellow (28%)

Blue (58%)

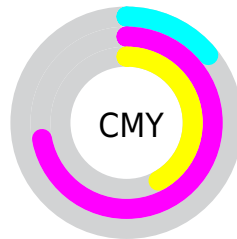


Cyan (0%)

Magenta (68%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (72%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB4795 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 DB4795 by changing the saturation by 10% instead.



 DB4795

 DB4795

FFFFFF

 BD267B

 FF81CB

 A00062

 FF9DE7

 83004A

 FFBAFF

 660034

 FFD7FF

 4A001F

 FFF5FF

 300002

 000000

 DB4795

 DB4795

 DB318B

 DB5D9F

 DB1B80

 DB73AA

 DB0576

 DB89B4

 DB0073

 DB9FBE

 DBB5C9

 DBCAD3

 DBE0DE

 DBF6E8

 DBFFF2

# Harmonies

## Analogous

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



B15FC9



DB4795



E3485D

# Triad

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



DB4795



768900



0097D6

# Complementary

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



DB4795



47DB8D

# 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.



009AA6



DB4795



279433

# Square

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



DB4795



A97700



00996C



008CEF

# Rectangle

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



DB4795



D9563A



00996C



0098C8



# Sweetspot

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



DB4795



FFCCE7



8C47DB



806171



000000



808080



# Same Dimension

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



DB4795



FF309D



DB474C



6E6368



AD005B



2E0018



# Inverse Universe

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



DB4795



FF309D



47DBD6



6E6368



AD005B



2E0018



# Previews

## White Background



This preview shows how the Hex color DB4795 looks on a white background.

## Color Contrast Check

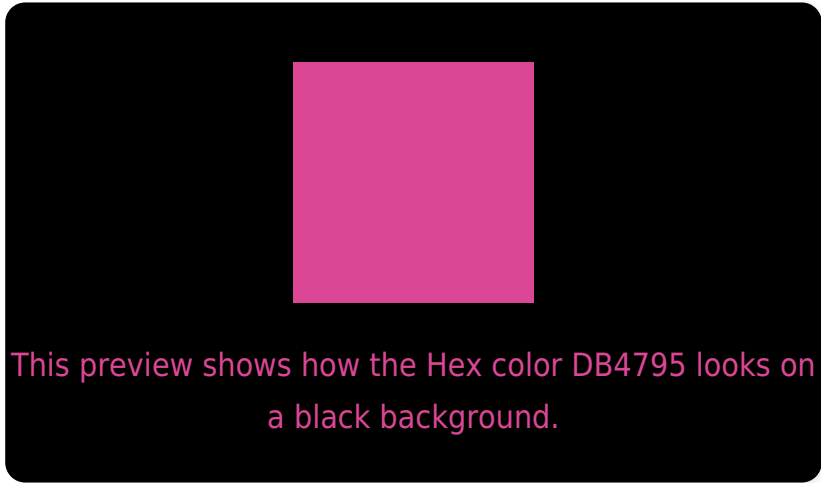
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4795 Background



This preview shows how black text looks on a background with the Hex color DB4795.



This preview shows how white text looks on a background with the Hex color DB4795.

# 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**  
DB4795

**Protanopia**  
6D7FBC

**Deuteranopia**  
887D8D



**Tritanopia**  
D7565B

# Trichromacy



**Original Color**  
DB4795



**Protanomaly**  
956BAE



**Deuteranomaly**  
A66990

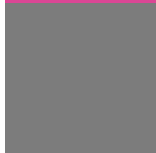


**Tritanomaly**  
D85170

# Monochromacy



**Original Color**  
DB4795



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
9F6985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB4795 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 #DB4795 looks like.

```
.text, #text, p{  
    color:#DB4795  
}
```

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 #DB4795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4795
}
```

## Border

The CSS property to change the border of an element to Hex DB4795 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
#DB4795 }
```

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

```
.border{ border-color:#DB4795 }
```

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

Here you see how a box with a 4 pixel #DB4795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4795; -webkit-box-shadow:4px 4px  
4px 4px #DB4795; box-shadow:4px 4px 4px  
4px #DB4795 }
```

# Background

The CSS property to change the background color of an element to Hex DB4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4795 }
```

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

```
.background{ background-color:#DB4795 }
```

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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