

# Converting Colors

Hex(4618DB)

Have a look what the booklet for  
Hex(4618DB) contains.

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**Color**

**Hex(4618DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4618DB
RGB	70, 24, 219
RGB Percent	27%, 9%, 86%
CMY	0.7255, 0.9059, 0.1412
CMYK	0.68, 0.89, 0.00, 0.14
HSL	254°, 80%, 48%
HSV	254°, 89%, 86%
XYZ	15.6386, 7.0698, 67.5582
YIQ	59.9840, -35.1790, 70.3970

# Conversions

## Conversions Part 2

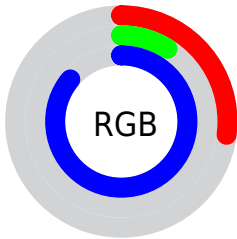
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 24, 219
Decimal	4593883
CIE Lab	31.97, 67.24, -87.88
CIE LCh	32, 110.654, 307.418
Yxy	7.0698, 0.1732, 0.0783
Android (android.graphics.Color)	4282783963 (0xFF4618DB)
YUV	59.9840, 78.3949, 8.7840
Hunter-Lab	26.5892, 58.4550, -132.0327

# Details

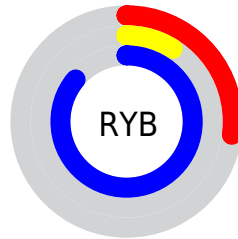
The Hex color **4618DB** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ADDB18**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8B51FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **3502DB**, and if you desaturate by 10%, it is **572EDB**.

# Distribution



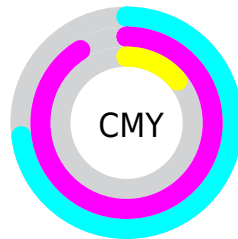
- Red (27%)
- Green (9%)
- Blue (86%)



- Red (27%)
- Yellow (9%)
- Blue (86%)



- Cyan (68%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (73%)
- Magenta (91%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4618DB 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 4618DB by changing the saturation by 10% instead.



4618DB

4618DB

FFFFFF

0F00BE

8B51FF

0000A2

AA6BFF

000087

CA86FF

00006C

E9A2FF

000B53

FFBEFF

00063B

FFDBFF

000224

FFF8FF

00000C

000000

■ 4618DB

■ 4618DB

■ 3502DB

■ 572EDB

■ 3400DB

■ 6744DB

■ 785ADB

■ 8970DB

■ 9A85DB

■ AA9BDB

■ BBB1DB

■ CCC7DB

■ DDDDDDB

# Harmonies

## Analogous

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



0056FF



4618DB



B90090

# Triad

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



4618DB



8F2500



006560

# Complementary

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



4618DB



ADDB18

# 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.



006300



4618DB



495000

# Square

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



4618DB



BF0000



005E00



0068B7

# Rectangle

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



4618DB



D00057



005E00



006541



# Sweetspot

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



4618DB



CABAFF



18ADDB



605780



000000



808080



# Same Dimension

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



4618DB



3C00FF



A718DB



65636E



2900AD



0B002E



# Inverse Universe

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



DB18AD



FF00C3



4CDB18



6E636B



AD0084

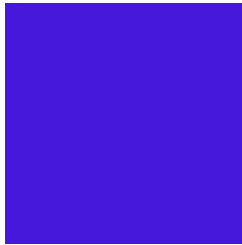


2E0023



# Previews

## White Background



This preview shows how the Hex color 4618DB looks on a white background.

## Color Contrast Check

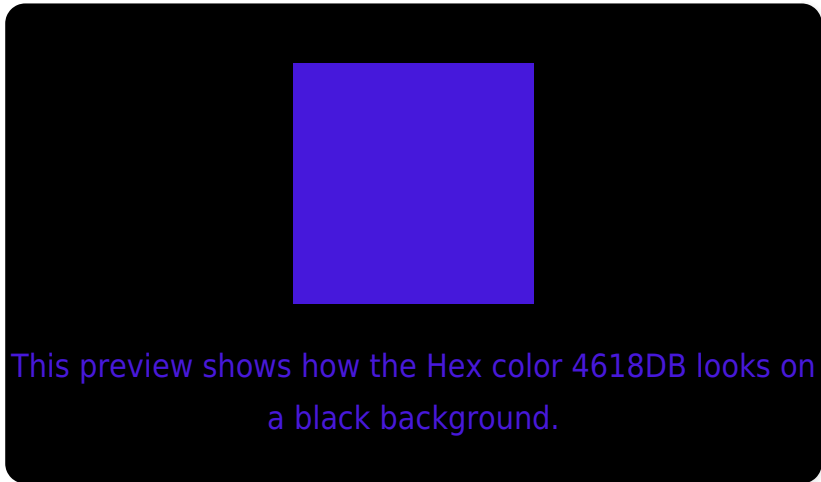
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

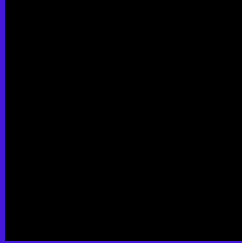
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4618DB Background



This preview shows how black text looks on a background with the Hex color 4618DB.



This preview shows how white text looks on a background with the Hex color 4618DB.

# 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**  
4618DB

**Protanopia**  
004999

**Deuteranopia**  
004E82



# Trichromacy



**Original Color**  
4618DB



**Protanomaly**  
1937B1



**Deuteranomaly**  
193AA2



**Tritanomaly**  
193E88

# Monochromacy



**Original Color**  
4618DB



**Achromatopsia**  
3C3C3C



**Achromatomaly**  
402F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4618DB 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 #4618DB looks like.

```
.text, #text, p{  
    color:#4618DB  
}
```

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 #4618DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4618DB
}
```

## Border

The CSS property to change the border of an element to Hex 4618DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

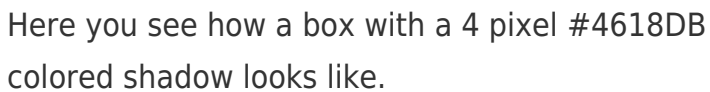
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4618DB }
```

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

```
.border{ border-color:#4618DB }
```

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



Here you see how a box with a 4 pixel #4618DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4618DB; -webkit-box-shadow:4px 4px  
4px 4px #4618DB; box-shadow:4px 4px 4px  
4px #4618DB }
```

# Background

The CSS property to change the background color of an element to Hex 4618DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4618DB }
```

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

```
.background{ background-color:#4618DB }
```

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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