

# Converting Colors

Hex(732DB3)

Have a look what the booklet for  
Hex(732DB3) contains.

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**Color**

**Hex(732DB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	732DB3
RGB	115, 45, 179
RGB Percent	45%, 18%, 70%
CMY	0.5490, 0.8235, 0.2980
CMYK	0.36, 0.75, 0.00, 0.30
HSL	271°, 60%, 44%
HSV	271°, 75%, 70%
XYZ	16.1453, 8.7763, 43.4909
YIQ	81.2060, -1.2940, 56.5140

# Conversions

## Conversions Part 2

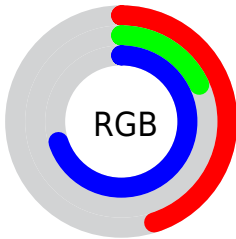
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 45, 179
Decimal	7548339
CIE <sub>Lab</sub>	35.55, 54.71, -58.41
CIE <sub>LCh</sub>	36, 80.034, 313.127
Yxy	8.7763, 0.2360, 0.1283
Android (android.graphics.Color)	4285738419 (0xFF732DB3)
YUV	81.2060, 48.2124, 29.6373
Hunter-Lab	29.6248, 45.4378, -66.3037

# Details

The Hex color **732DB3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6DB32D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AC62EC**, and **3A007D** is the 20% darker color. If you saturate the color by 10%, you get **6A1BB3**, and if you desaturate by 10%, it is **7C3FB3**.

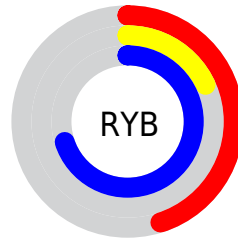
# Distribution



Red (45%)

Green (18%)

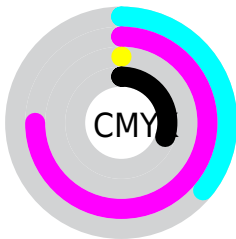
Blue (70%)



Red (45%)

Yellow (18%)

Blue (70%)

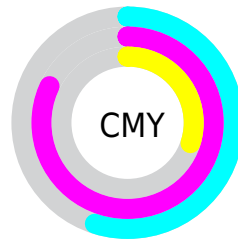


Cyan (36%)

Magenta (75%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (82%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732DB3 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 732DB3 by changing the saturation by 10% instead.



 732DB3

 732DB3

FFFFFF

 570E98

 AC62EC

 3A007D

 C97CFF

 1A0063

 E697FF

 00004B

 FFB3FF

 000433

 FFCFFF

 00021D

 FFECFF

 000000

 732DB3

 732DB3

 6A1BB3

 7C3FB3

6209B3

8451B3

5E00B3

8D63B3

9575B3

9E87B3

A698B3

AFAAB3

B7BCB3

C0CEB3

# Harmonies

## Analogous

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



0054D4



732DB3



AF007A

# Triad

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



732DB3



844300



006C6F

# Complementary

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



732DB3



6DB32D

# 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.



006A2B



732DB3



4D5A00

# Square

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



732DB3



AB0700



006500



006CAB

# Rectangle

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



732DB3



BC0050



006500



006B59



# Sweetspot

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



732DB3



D0B5E8



2D6EB3



675775



F5F5F5



757575



# Same Dimension

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



732DB3



8417E8



B32DB1



555059



500099



0D001A



# Inverse Universe

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



B32D6D



E8177B



2DB32F



595055



990049



1A000C



# Previews

## White Background



This preview shows how the Hex color 732DB3 looks on a white background.

## Color Contrast Check

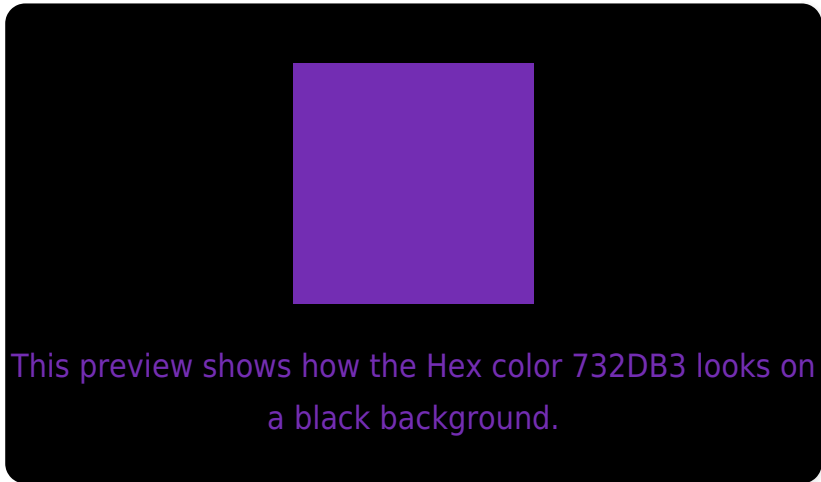
Large Text (above 18pt) WCAG AA ✓ Pass

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

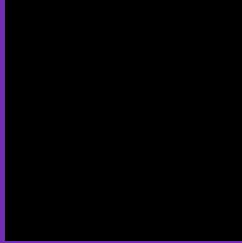
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 732DB3 Background



This preview shows how black text looks on a background with the Hex color 732DB3.

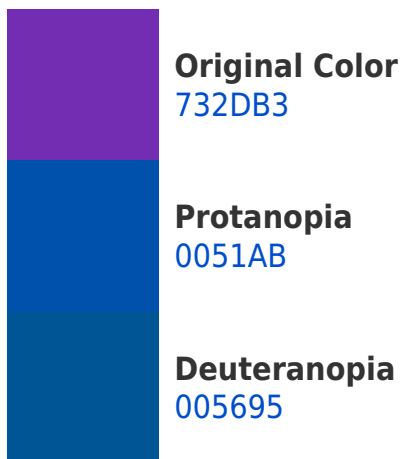


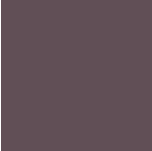
This preview shows how white text looks on a background with the Hex color 732DB3.

# 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](#).

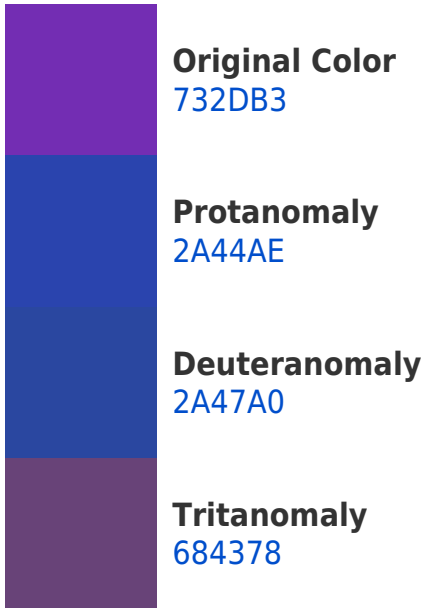
## Dichromacy



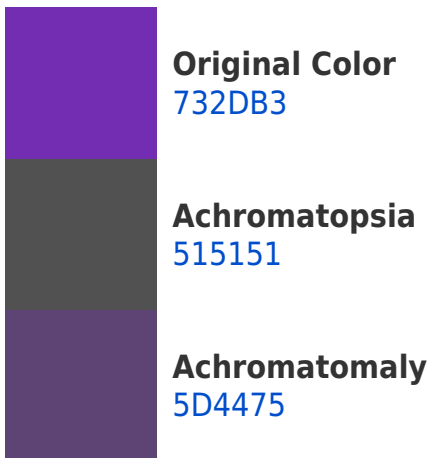


**Tritanopia**  
614F56

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732DB3 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 #732DB3 looks like.

```
.text, #text, p{  
    color:#732DB3  
}
```

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 #732DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732DB3
}
```

## Border

The CSS property to change the border of an element to Hex 732DB3 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
#732DB3 }
```

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

```
.border{ border-color:#732DB3 }
```

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

Here you see how a box with a 4 pixel #732DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732DB3; -webkit-box-shadow:4px 4px  
4px 4px #732DB3; box-shadow:4px 4px 4px  
4px #732DB3 }
```

# Background

The CSS property to change the background color of an element to Hex 732DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732DB3 }
```

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

```
.background{ background-color:#732DB3 }
```

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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