

Converting Colors

Hex(732DB5)

Have a look what the booklet for
Hex(732DB5) contains.

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Color

Hex(732DB5)

Conversions

Conversions Part 1

Format	Color
Hex	732DB5
RGB	115, 45, 181
RGB Percent	45%, 18%, 71%
CMY	0.5490, 0.8235, 0.2902
CMYK	0.36, 0.75, 0.00, 0.29
HSL	271°, 60%, 44%
HSV	271°, 75%, 71%
XYZ	16.3491, 8.8578, 44.5641
YIQ	81.4340, -1.9360, 57.1360

Conversions

Conversions Part 2

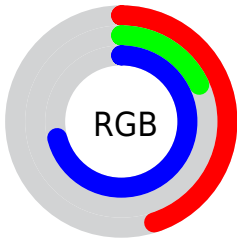
Format	Color
R_{YB}	115, 45, 181
Decimal	7548341
CIE _{Lab}	35.71, 55.19, -59.34
CIE _{LCh}	36, 81.035, 312.924
Yxy	8.8578, 0.2343, 0.1270
Android (android.graphics.Color)	4285738421 (0xFF732DB5)
YUV	81.4340, 49.0860, 29.4374
Hunter-Lab	29.7621, 45.9713, -67.9442

Details

The Hex color **732DB5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6FB52D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AC62EE**, and **3A007F** is the 20% darker color. If you saturate the color by 10%, you get **6A1BB5**, and if you desaturate by 10%, it is **7C3FB5**.

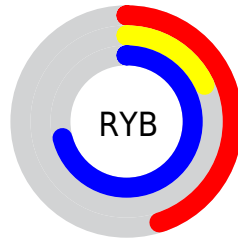
Distribution



Red (45%)

Green (18%)

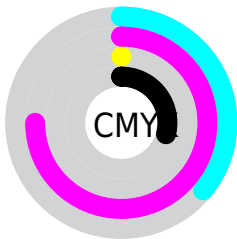
Blue (71%)



Red (45%)

Yellow (18%)

Blue (71%)

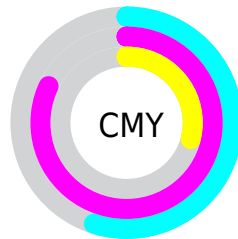


Cyan (36%)

Magenta (75%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (82%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 732DB5 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 732DB5 by changing the saturation by 10% instead.

 732DB5

 732DB5

FFFFFF

 570E9A

 AC62EE

 3A007F

 C97CFF

 190065

 E797FF

 00004C

 FFB3FF

 000434

 FFCFFF

 00021E

 FFECFF

 000001

 000000

 732DB5

 732DB5

■ 6A1BB5

■ 7C3FB5

■ 6109B5

■ 8551B5

■ 5D00B5

■ 8D63B5

■ 9675B5

■ 9F88B5

■ A89AB5

■ B0ACB5

■ B9BEB5

■ C2D0B5

Harmonies

Analogous

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



0055D6



732DB5



B0007C

Triad

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



732DB5



854300



006C70

Complementary

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



732DB5



6FB52D

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.



006A2A



732DB5



4E5A00

Square

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



732DB5



AD0200



006500



006CAD

Rectangle

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



732DB5



BE0051



006500



006C59

Sweetspot

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



732DB5



D0B5EB



2D71B5



655475



F5F5F5



757575

Same Dimension

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



732DB5



8417EB



B52DB5



555059



4F0099



0D001A

Inverse Universe

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



B52D6F



EB177E



2DB52D



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 732DB5 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

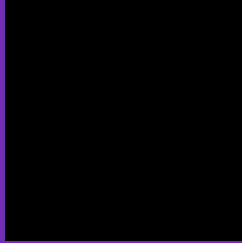
Any Text WCAG AA × Fail

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 732DB5 Background



This preview shows how black text looks on a background with the Hex color 732DB5.

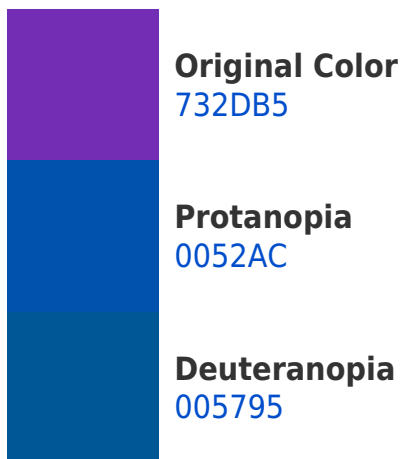


This preview shows how white text looks on a background with the Hex color 732DB5.

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](#).

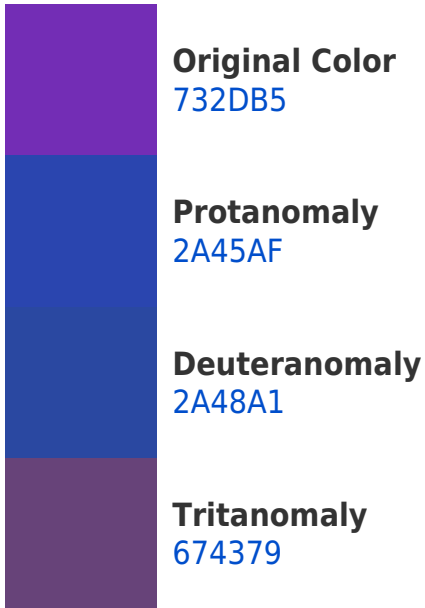
Dichromacy



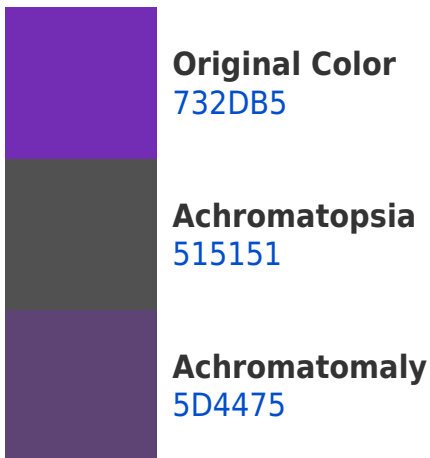


Tritanopia
605056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 732DB5 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 #732DB5 looks like.

```
.text, #text, p{  
    color:#732DB5  
}
```

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 #732DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732DB5
}
```

Border

The CSS property to change the border of an element to Hex 732DB5 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
#732DB5 }
```

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

```
.border{ border-color:#732DB5 }
```

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

Here you see how a box with a 4 pixel #732DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732DB5; -webkit-box-shadow:4px 4px  
4px 4px #732DB5; box-shadow:4px 4px 4px  
4px #732DB5 }
```

Background

The CSS property to change the background color of an element to Hex 732DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732DB5 }
```

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

```
.background{ background-color:#732DB5 }
```

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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