

Converting Colors

Hex(730DB1)

Have a look what the booklet for
Hex(730DB1) contains.

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Color

Hex(730DB1)

Conversions

Conversions Part 1

Format	Color
Hex	730DB1
RGB	115, 13, 177
RGB Percent	45%, 5%, 69%
CMY	0.5490, 0.9490, 0.3059
CMYK	0.35, 0.93, 0.00, 0.31
HSL	277°, 86%, 37%
HSV	277°, 93%, 69%
XYZ	15.1500, 7.1070, 42.1683
YIQ	62.1940, 8.1480, 72.6280

Conversions

Conversions Part 2

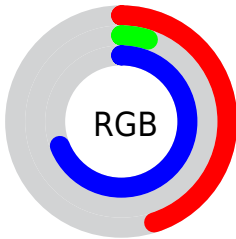
Format	Color
R_{YB}	115, 13, 177
Decimal	7540145
CIE _{Lab}	32.05, 63.99, -62.94
CIE _{LCh}	32, 89.755, 315.474
Yxy	7.1070, 0.2352, 0.1103
Android (android.graphics.Color)	4285730225 (0xFF730DB1)
YUV	62.1940, 56.5994, 46.3109
Hunter-Lab	26.6590, 54.7861, -75.1216

Details

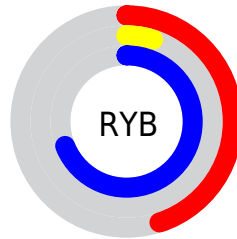
The Hex color **730DB1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4BB10D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AD4EEA**, and **39007B** is the 20% darker color. If you saturate the color by 10%, you get **6E00B1**, and if you desaturate by 10%, it is **7A1FB1**.

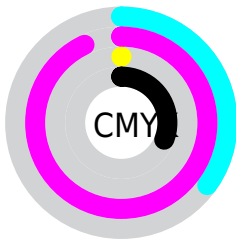
Distribution



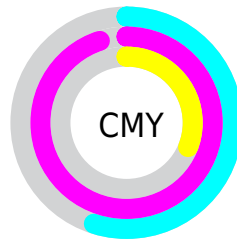
- Red (45%)
- Green (5%)
- Blue (69%)



- Red (45%)
- Yellow (5%)
- Blue (69%)



- Cyan (35%)
- Magenta (93%)
- Yellow (0%)
- Black (31%)



- Cyan (55%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730DB1 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 730DB1 by changing the saturation by 10% instead.

 730DB1

 730DB1

FFFFFF

 560096

 AD4EEA

 39007B

 CA69FF

 1A0061

 E885FF

 000048

 FFA1FF

 000431

 FFBDFE

 00011B

 FFDAFF

 000000

 FFF7FF

 730DB1

 730DB1

■ 6E00B1

■ 7A1FB1

■ 8030B1

■ 8742B1

■ 8E54B1

■ 9466B1

■ 9B77B1

■ A289B1

■ A99BB1

■ AFACB1

Harmonies

Analogous

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



004BD8



730DB1



B10071

Triad

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



730DB1



783B00



006470

Complementary

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



730DB1



4BB10D

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.



006224



730DB1



3A5400

Square

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



730DB1



A50000



005E00



0065B1

Rectangle

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



730DB1



BC0043



005E00



006357

Sweetspot

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



730DB1



CDA5E6



0D4CB1



644C73



F2F2F2



737373

Same Dimension

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



730DB1



8F00E6



B10D9E



565059



5F0099



10001A

Inverse Universe

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



B10D4B



E60057



0DB120



595054



99003A



1A000A

Previews

White Background



This preview shows how the Hex color 730DB1 looks on a white background.

Color Contrast Check

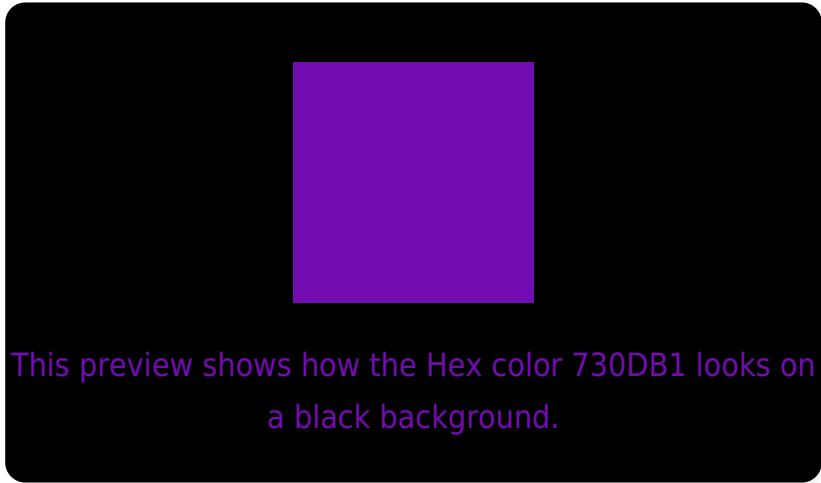
Large Text (above 18pt) WCAG AA ✓ Pass

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

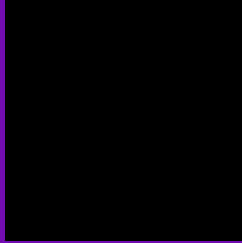
Any Text WCAG AA × Fail

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 730DB1 Background



This preview shows how black text looks on a background with the Hex color 730DB1.



This preview shows how white text looks on a background with the Hex color 730DB1.

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
730DB1

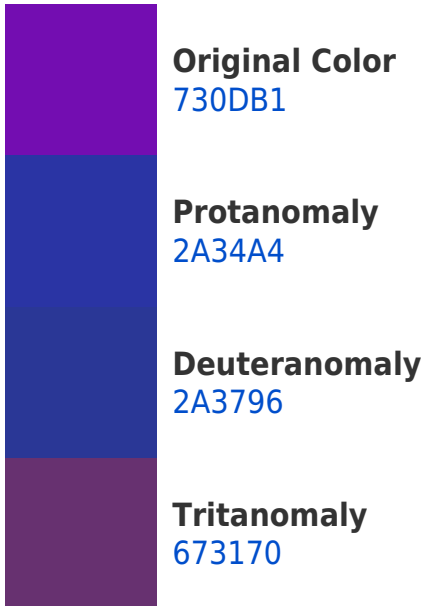
Protanopia
004A9D

Deuteranopia
004F87

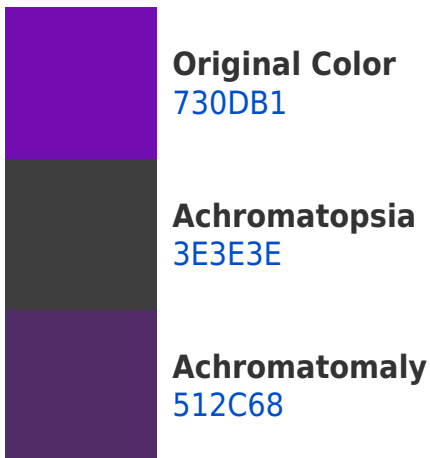


Tritanopia
60464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 730DB1 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 #730DB1 looks like.

```
.text, #text, p{  
    color:#730DB1  
}
```

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 #730DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730DB1
}
```

Border

The CSS property to change the border of an element to Hex 730DB1 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
#730DB1 }
```

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

```
.border{ border-color:#730DB1 }
```

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

Here you see how a box with a 4 pixel #730DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730DB1; -webkit-box-shadow:4px 4px  
4px 4px #730DB1; box-shadow:4px 4px 4px  
4px #730DB1 }
```

Background

The CSS property to change the background color of an element to Hex 730DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730DB1 }
```

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

```
.background{ background-color:#730DB1 }
```

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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