

Converting Colors

Hex(710DBF)

Have a look what the booklet for
Hex(710DBF) contains.

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Color

Hex(710DBF)

Conversions

Conversions Part 1

Format	Color
Hex	710DBF
RGB	113, 13, 191
RGB Percent	44%, 5%, 75%
CMY	0.5569, 0.9490, 0.2510
CMYK	0.41, 0.93, 0.00, 0.25
HSL	274°, 87%, 40%
HSV	274°, 93%, 75%
XYZ	16.3579, 7.5601, 49.8873
YIQ	63.1920, 2.4620, 76.5580

Conversions

Conversions Part 2

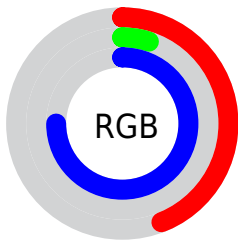
Format	Color
R_{YB}	113, 13, 191
Decimal	7409087
CIE _{Lab}	33.05, 66.70, -69.62
CIE _{LCh}	33, 96.412, 313.775
Yxy	7.5601, 0.2216, 0.1024
Android (android.graphics.Color)	4285599167 (0xFF710DBF)
YUV	63.1920, 63.0093, 43.6816
Hunter-Lab	27.4957, 58.0770, -88.3268

Details

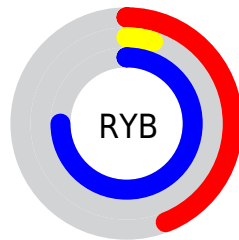
The Hex color **710DBF** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **5BBF0D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **AC4FF9**, and **330088** is the 20% darker color. If you saturate the color by 10%, you get **6B00BF**, and if you desaturate by 10%, it is **7920BF**.

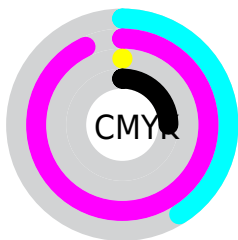
Distribution



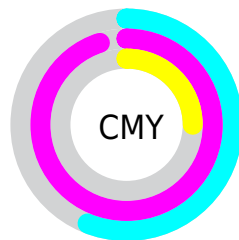
- Red (44%)
- Green (5%)
- Blue (75%)



- Red (44%)
- Yellow (5%)
- Blue (75%)



- Cyan (41%)
- Magenta (93%)
- Yellow (0%)
- Black (25%)



- Cyan (56%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 710DBF 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 710DBF by changing the saturation by 10% instead.

710DBF

710DBF

FFFFFF

5300A3

AC4FF9

330088

CA6AFF

0A006E

E886FF

000054

FFA2FF

00063C

FFBEFF

000225

FFDBFF

00010E

FFF8FF

000000

710DBF

710DBF

6B00BF

7920BF

8233BF

8A46BF

9259BF

9B6DBF

A380BF

AC93BF

B4A6BF

BCB9BF

Harmonies

Analogous

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



004FE8



710DBF



B8007A

Triad

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



710DBF



803A00



006771

Complementary

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



710DBF



5BBF0D

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.



00651E



710DBF



3E5600

Square

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



710DBF



AF0000



006100



0069B9

Rectangle

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



710DBF



C70049



006100



006756

Sweetspot

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



710DBF



D9B2F7



0D5DBF



6A527D



FCFCFC



7D7D7D

Same Dimension

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



710DBF



8B00F7



BF0DB6



5A555E



59009E



11001F

Inverse Universe

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



BF0D5B



F7006C



0DBF16



5E5559



9E0045



1F000D

Previews

White Background



This preview shows how the Hex color 710DBF looks on a white background.

Color Contrast Check

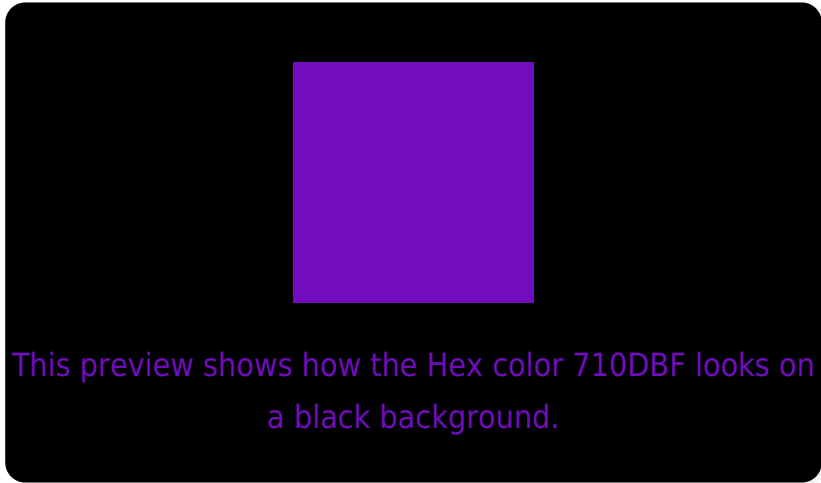
Large Text (above 18pt) WCAG AA ✓ Pass

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

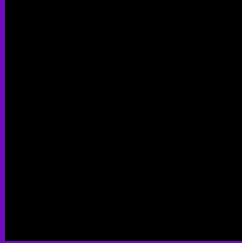
Any Text WCAG AA × Fail

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 710DBF Background



This preview shows how black text looks on a background with the Hex color 710DBF.

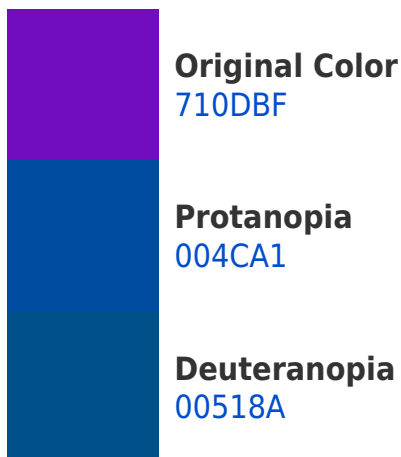


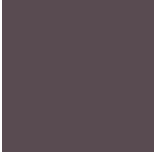
This preview shows how white text looks on a background with the Hex color 710DBF.

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](#).

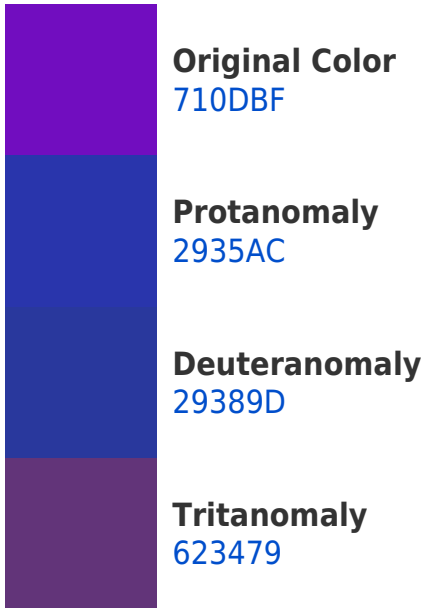
Dichromacy



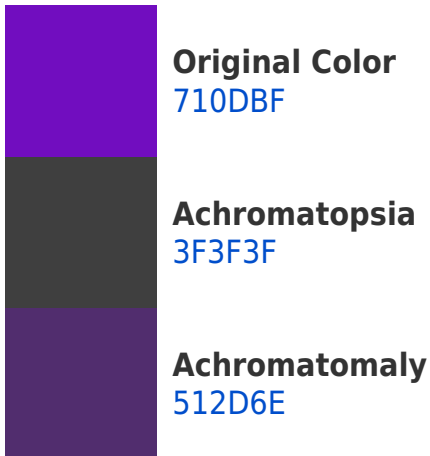


Tritanopia
594B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 710DBF 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 #710DBF looks like.

```
.text, #text, p{  
    color:#710DBF  
}
```

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 #710DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #710DBF
}
```

Border

The CSS property to change the border of an element to Hex 710DBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

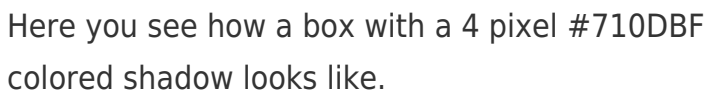
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#710DBF }
```

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

```
.border{ border-color:#710DBF }
```

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



Here you see how a box with a 4 pixel #710DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #710DBF; -webkit-box-shadow:4px 4px  
4px 4px #710DBF; box-shadow:4px 4px 4px  
4px #710DBF }
```

Background

The CSS property to change the background color of an element to Hex 710DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#710DBF }
```

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

```
.background{ background-color:#710DBF }
```

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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