

Converting Colors

Hex(720DAF)

Have a look what the booklet for
Hex(720DAF) contains.

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Color

Hex(720DAF)

Conversions

Conversions Part 1

Format	Color
Hex	720DAF
RGB	114, 13, 175
RGB Percent	45%, 5%, 69%
CMY	0.5529, 0.9490, 0.3137
CMYK	0.35, 0.93, 0.00, 0.31
HSL	277°, 86%, 37%
HSV	277°, 93%, 69%
XYZ	14.8212, 6.9604, 41.1198
YIQ	61.6670, 8.1940, 71.7940

Conversions

Conversions Part 2

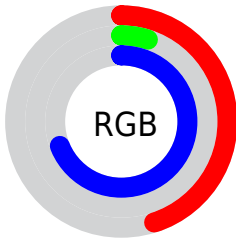
Format	Color
RYB	114, 13, 175
Decimal	7474607
CIELab	31.72, 63.45, -62.29
CIElCh	32, 88.917, 315.526
Yxy	6.9604, 0.2356, 0.1107
Android (android.graphics.Color)	4285664687 (0xFF720DAF)
YUV	61.6670, 55.8732, 45.8960
Hunter-Lab	26.3826, 54.1083, -73.9413

Details

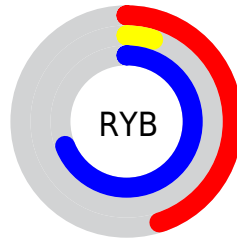
The Hex color **720DAF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4AAF0D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **AC4DE8**, and **380079** is the 20% darker color. If you saturate the color by 10%, you get **6D00AF**, and if you desaturate by 10%, it is **791FAF**.

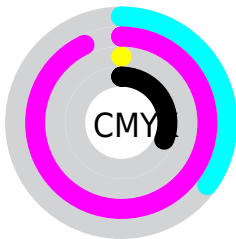
Distribution



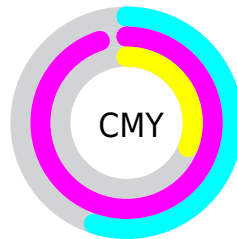
- Red (45%)
- Green (5%)
- Blue (69%)



- 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 720DAF 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 720DAF by changing the saturation by 10% instead.

 720DAF

 720DAF

FFFFFF

 550094

 AC4DE8

 380079

 C969FF

 1A0060

 E784FF

 000047

 FFA0FF

 00042F

 FFBCFF

 000119

 FFD9FF

 000000

 FFF7FF

 720DAF

 720DAF

■ 6D00AF

■ 791FAF

■ 7F30AF

■ 8642AF

■ 8C53AF

■ 9365AF

■ 9A76AF

■ A088AF

■ A799AF

■ ADABAF

Harmonies

Analogous

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



004AD6



720DAF



AF006F

Triad

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



720DAF



773B00



00636F

Complementary

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



720DAF



4AAF0D

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.



006124



720DAF



395300

Square

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



720DAF



A30000



005D00



0064B0

Rectangle

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



720DAF



BA0042



005D00



006257

Sweetspot

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



720DAF



CBA3E3



0D4BAF



644C73



F2F2F2



737373

Same Dimension

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



720DAF



8D00E3



AF0D9C



534E57



5E0096



0E0017

Inverse Universe

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



AF0D4A



E30055



0DAF20



574E51



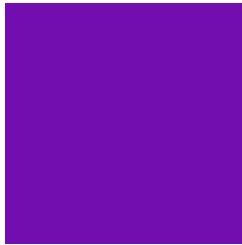
960039



170009

Previews

White Background



This preview shows how the Hex color 720DAF looks on a white background.

Color Contrast Check

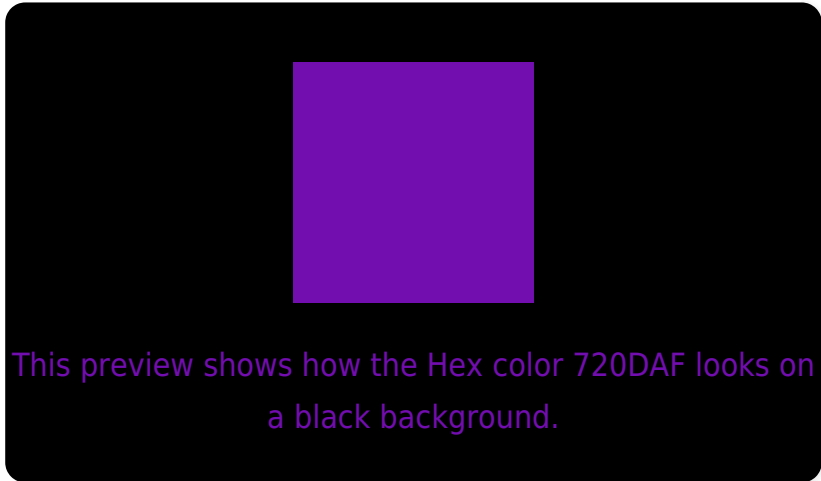
Large Text (above 18pt) WCAG AA ✓ Pass

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 720DAF Background



This preview shows how black text looks on a background with the Hex color 720DAF.



This preview shows how white text looks on a background with the Hex color 720DAF.

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
720DAF

Protanopia
004A9B

Deuteranopia
004E86



Tritanopia
5F454A

Trichromacy



Original Color
720DAF



Protanomaly
2934A2



Deuteranomaly
293695



Tritanomaly
66316F

Monochromacy



Original Color
720DAF



Achromatopsia
3E3E3E



Achromatomaly
512C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 720DAF 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 #720DAF looks like.

```
.text, #text, p{  
    color:#720DAF  
}
```

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 #720DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #720DAF
}
```

Border

The CSS property to change the border of an element to Hex 720DAF 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
#720DAF }
```

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

```
.border{ border-color:#720DAF }
```

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

Here you see how a box with a 4 pixel #720DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #720DAF; -webkit-box-shadow:4px 4px  
4px 4px #720DAF; box-shadow:4px 4px 4px  
4px #720DAF }
```

Background

The CSS property to change the background color of an element to Hex 720DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#720DAF }
```

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

```
.background{ background-color:#720DAF }
```

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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