

Converting Colors

Hex(722076)

Have a look what the booklet for
Hex(722076) contains.

Hex(722076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(722076)

Conversions

Conversions Part 1

Format	Color
Hex	722076
RGB	114, 32, 118
RGB Percent	45%, 13%, 46%
CMY	0.5529, 0.8745, 0.5373
CMYK	0.03, 0.73, 0.00, 0.54
HSL	297°, 57%, 29%
HSV	297°, 73%, 46%
XYZ	10.7260, 5.9184, 17.7166
YIQ	66.3220, 21.2660, 44.1300

Conversions

Conversions Part 2

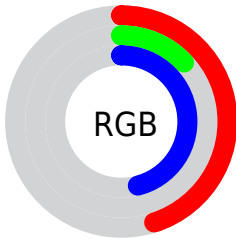
Format	Color
R_{YB}	114, 32, 118
Decimal	7479414
CIE _{Lab}	29.21, 46.77, -31.25
CIE _{LCh}	29, 56.247, 326.254
Yxy	5.9184, 0.3122, 0.1722
Android (android.graphics.Color)	4285669494 (0xFF722076)
YUV	66.3220, 25.4773, 41.8136
Hunter-Lab	24.3278, 36.1256, -26.1481

Details

The Hex color **722076** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **247620**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A855AB**, and **3E0045** is the 20% darker color. If you saturate the color by 10%, you get **711476**, and if you desaturate by 10%, it is **732C76**.

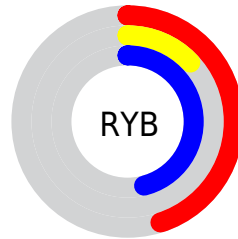
Distribution



Red (45%)

Green (13%)

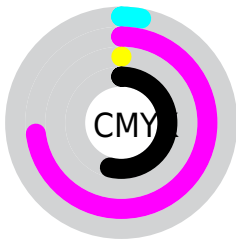
Blue (46%)



Red (45%)

Yellow (13%)

Blue (46%)

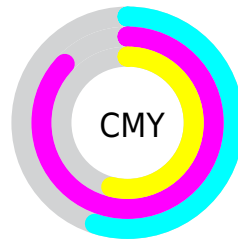


Cyan (3%)

Magenta (73%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (87%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 722076 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 722076 by changing the saturation by 10% instead.

 722076

 722076

FFFFFF

 58005D

 A855AB

 3E0045

 C56FC6

 29002F

 E18AE2

 000118

 FFA5FF

 000000

 FFC1FF

 FFD0FF

 FFFAFF

 722076

 722076

■ 711476

■ 732C76

■ 710876

■ 733876

■ 710076

■ 744376

■ 744F76

■ 755B76

■ 756776

■ 767376

■ 767E76

■ 778A76

Harmonies

Analogous

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



2E3C94



722076



8C004C

Triad

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



722076



5A4100



00576B

Complementary

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



722076



247620

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.



00563E



722076



304D00

Square

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



722076



792D00



00540D



00548E

Rectangle

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



722076



8E0030



00540D



00575C

Sweetspot

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



722076



977799



202476



4C394D



CCCCCC



4D4D4D

Same Dimension

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



722076



931499



76204F



3A353B



75007A



EE00FA

Inverse Universe

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



762024



99141A



207647



3B3535



7A0006



FA000C

Previews

White Background



This preview shows how the Hex color 722076 looks on a white background.

Color Contrast Check

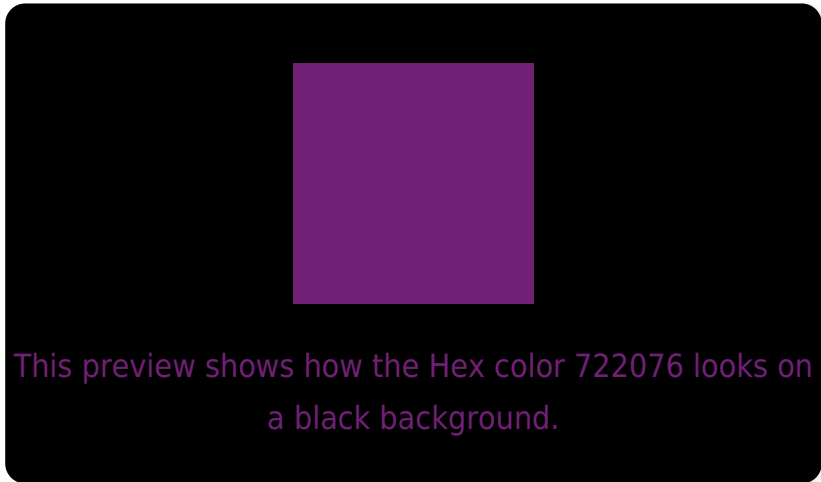
Large Text (above 18pt) WCAG AA ✓ Pass

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

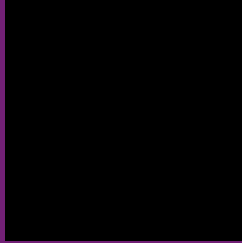
Any Text WCAG AA × Fail

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 722076 Background



This preview shows how black text looks on a background with the Hex color 722076.



This preview shows how white text looks on a background with the Hex color 722076.

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
722076

Protanopia
004490

Deuteranopia
2E4670



Tritanopia
6B3639

Trichromacy



Original Color
722076

Protanomaly
293787

Deuteranomaly
473872

Tritanomaly
6E2E4F

Monochromacy



Original Color
722076

Achromatopsia
424242

Achromatomaly
533655

CSS Examples

Text

The CSS property to change the color of the text to Hex 722076 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 #722076 looks like.

```
.text, #text, p{  
    color:#722076  
}
```

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 #722076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722076
}
```

Border

The CSS property to change the border of an element to Hex 722076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

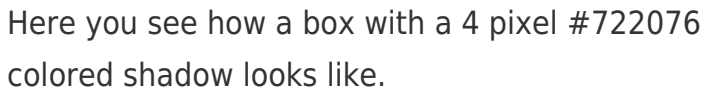
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#722076 }
```

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

```
.border{ border-color:#722076 }
```

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



Here you see how a box with a 4 pixel #722076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722076; -webkit-box-shadow:4px 4px  
4px 4px #722076; box-shadow:4px 4px 4px  
4px #722076 }
```

Background

The CSS property to change the background color of an element to Hex 722076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722076 }
```

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

```
.background{ background-color:#722076 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor