

Converting Colors

Hex(722A71)

Have a look what the booklet for
Hex(722A71) contains.

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Color

Hex(722A71)

Conversions

Conversions Part 1

Format	Color
Hex	722A71
RGB	114, 42, 113
RGB Percent	45%, 16%, 44%
CMY	0.5529, 0.8353, 0.5569
CMYK	0.00, 0.63, 0.01, 0.55
HSL	301°, 46%, 31%
HSV	301°, 63%, 45%
XYZ	10.7480, 6.4256, 16.2966
YIQ	71.6220, 20.1210, 37.3450

Conversions

Conversions Part 2

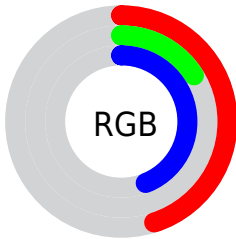
Format	Color
R_{YB}	114, 42, 113
Decimal	7481969
CIE _{Lab}	30.46, 41.52, -26.08
CIE _{LCh}	30, 49.033, 327.865
Yxy	6.4256, 0.3211, 0.1920
Android (android.graphics.Color)	4285672049 (0xFF722A71)
YUV	71.6220, 20.3994, 37.1655
Hunter-Lab	25.3487, 31.3248, -20.3731

Details

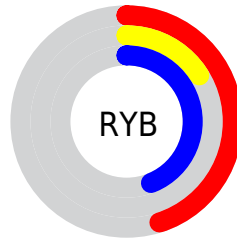
The Hex color **722A71** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A722B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A85DA5**, and **3F0041** is the 20% darker color. If you saturate the color by 10%, you get **721F71**, and if you desaturate by 10%, it is **723571**.

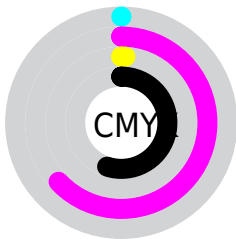
Distribution



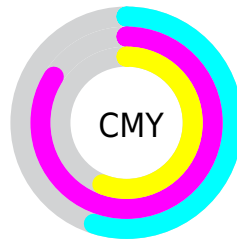
- Red (45%)
- Green (16%)
- Blue (44%)



- Red (45%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 722A71 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 722A71 by changing the saturation by 10% instead.

722A71

722A71

FFFFFF

580E58

A85DA5

3F0041

C477C0

2A002B

E191DC

000114

FEACF9

000000

FFC8FF

FFE5FF

722A71

722A71

721F71

723571

 721371

 724171

 720871

 724C71

 720070

 725872

 726372

 726E72

 727A72

 728572

 729172

Harmonies

Analogous

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



3E3F8C



722A71



88194C

Triad

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



722A71



5A4500



00586B

Complementary

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



722A71



2A722B

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.



005844



722A71



355000

Square

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



722A71



773500



00561B



005588

Rectangle

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



722A71



8A1B33



00561B



00585E

Sweetspot

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



722A71



947894



2A2A72



4A394A



C9C9C9



4A4A4A

Same Dimension

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



722A71



942392



722A4E



383238



780076



F700F4

Inverse Universe

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



722A71



942392



2A724E



383238



780076



F700F4

Previews

White Background



This preview shows how the Hex color 722A71 looks on a white background.

Color Contrast Check

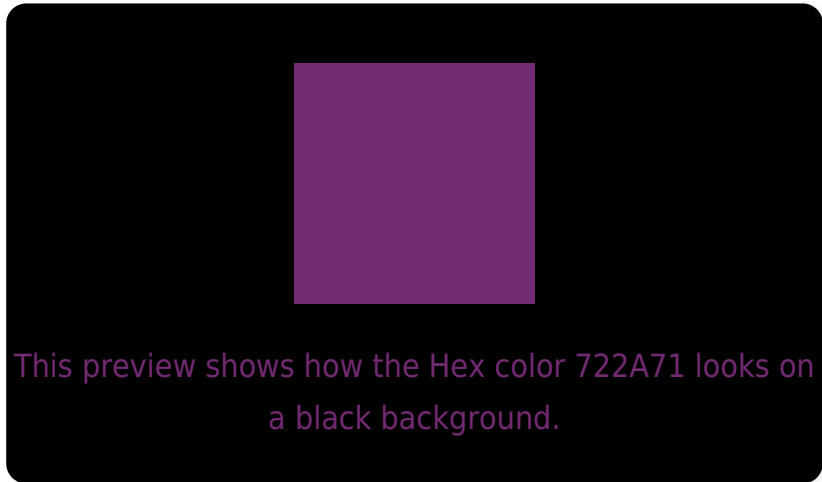
Large Text (above 18pt) WCAG AA ✓ Pass

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

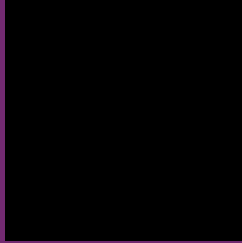
Any Text WCAG AA × Fail

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 722A71 Background



This preview shows how black text looks on a background with the Hex color 722A71.




This preview shows how white text looks on a background with the Hex color 722A71.

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
6C393D

Trichromacy



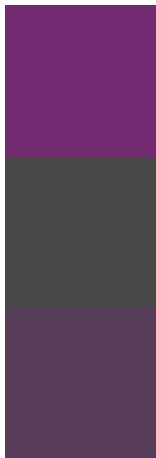
Original Color
722A71

Protanomaly
3F3C82

Deuteranomaly
4E3D6E

Tritanomaly
6E3450

Monochromacy



Original Color
722A71

Achromatopsia
484848

Achromatomaly
573D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 722A71 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 #722A71 looks like.

```
.text, #text, p{  
    color:#722A71  
}
```

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 #722A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722A71
}
```

Border

The CSS property to change the border of an element to Hex 722A71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

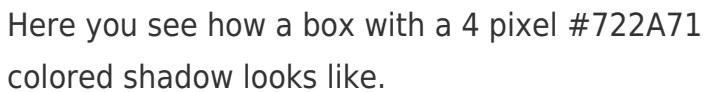
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#722A71 }
```

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

```
.border{ border-color:#722A71 }
```

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



Here you see how a box with a 4 pixel #722A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722A71; -webkit-box-shadow:4px 4px  
4px 4px #722A71; box-shadow:4px 4px 4px  
4px #722A71 }
```

Background

The CSS property to change the background color of an element to Hex 722A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722A71 }
```

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

```
.background{ background-color:#722A71 }
```

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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