

# Converting Colors

Hex(722A50)

Have a look what the booklet for  
Hex(722A50) contains.

<b>Hex(722A50)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(722A50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	722A50
RGB	114, 42, 80
RGB Percent	45%, 16%, 31%
CMY	0.5529, 0.8353, 0.6863
CMYK	0.00, 0.63, 0.30, 0.55
HSL	328°, 46%, 31%
HSV	328°, 63%, 45%
XYZ	9.2154, 5.8125, 8.2256
YIQ	67.8600, 30.7140, 27.0820

# Conversions

## Conversions Part 2

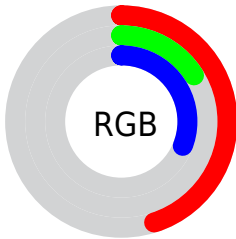
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 42, 80
Decimal	7481936
CIE Lab	28.93, 36.02, -7.07
CIE LCh	29, 36.705, 348.888
Yxy	5.8125, 0.3963, 0.2500
Android (android.graphics.Color)	4285672016 (0xFF722A50)
YUV	67.8600, 5.9850, 40.4648
Hunter-Lab	24.1092, 26.0378, -3.3523

# Details

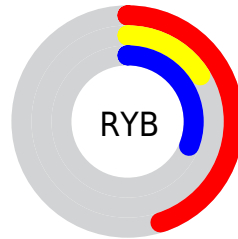
The Hex color **722A50** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A724C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A85C81**, and **3F0024** is the 20% darker color. If you saturate the color by 10%, you get **721F4B**, and if you desaturate by 10%, it is **723555**.

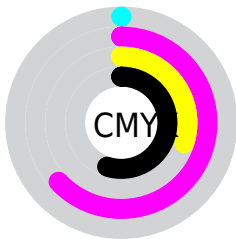
# Distribution



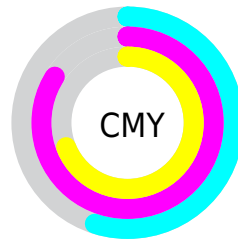
- Red (45%)
- Green (16%)
- Blue (31%)



- Red (45%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (63%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 722A50 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 722A50 by changing the saturation by 10% instead.



 722A50

 722A50

FFFFFF

 581039

 A85C81

 3F0024

 C4759B

 2A000E

 E190B6

 000000

 FEABD2

 FFC7EE

 FFE3FF

 722A50

 722A50

 721F4B

 723555

 721345

 72415B

 720840

 724C60

 72003C

 725866

 72636B

 726E70

 727A76

 72857B

 729180

# Harmonies

## Analogous

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



5C356A



722A50



772A34

# Triad

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



722A50



414806



00506E

# Complementary

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



722A50



2A724C

# 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.



005256



722A50



1E4E1C

# Square

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



722A50



5B3F06



005138



004A7C

# Rectangle

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



722A50



733022



005138



005167



# Sweetspot

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



722A50



947887



4C2A72



4A3942



C9C9C9



4A4A4A



# Same Dimension

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



722A50



94235F



722A2C



383235



78003F



F70083



# Inverse Universe

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



722A50



94235F



2A7270



383235



78003F

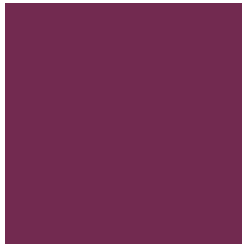


F70083



# Previews

## White Background



This preview shows how the Hex color 722A50 looks on a white background.

## Color Contrast Check

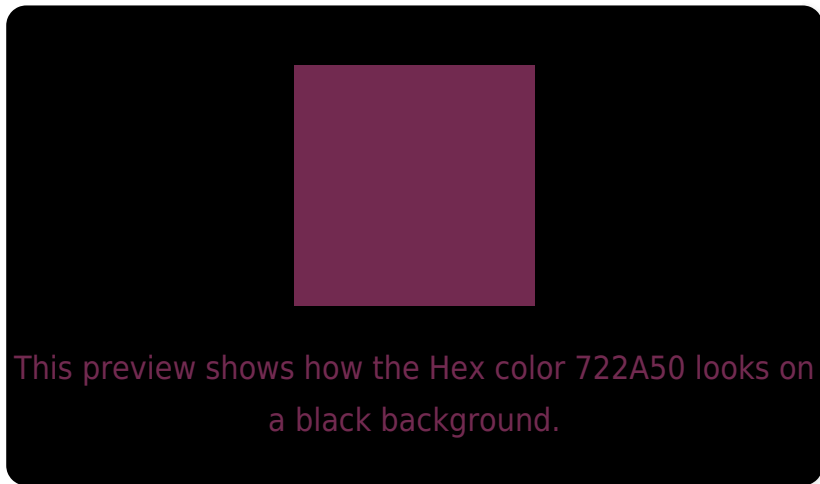
Large Text (above 18pt) WCAG AA ✓ Pass

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

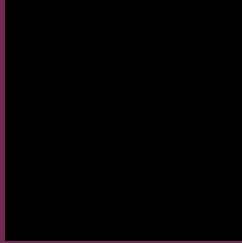
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 722A50 Background



This preview shows how black text looks on a background with the Hex color 722A50.



This preview shows how white text looks on a background with the Hex color 722A50.

# 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**  
722A50

**Protanopia**  
3C4462

**Deuteranopia**  
49434C



# Trichromacy



**Original Color**  
722A50

**Protanomaly**  
503B5B

**Deuteranomaly**  
583A4D

**Tritanomaly**  
712E3E

# Monochromacy



**Original Color**  
722A50

**Achromatopsia**  
444444

**Achromatomaly**  
553B48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 722A50 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 #722A50 looks like.

```
.text, #text, p{  
    color:#722A50  
}
```

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 #722A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722A50
}
```

## Border

The CSS property to change the border of an element to Hex 722A50 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".

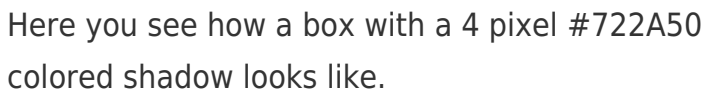
```
.border, #border, table{ border:4px solid
#722A50 }
```

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

```
.border{ border-color:#722A50 }
```

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

Here you see how a box with a 4 pixel #722A50 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722A50; -webkit-box-shadow:4px 4px  
4px 4px #722A50; box-shadow:4px 4px 4px  
4px #722A50 }
```

# Background

The CSS property to change the background color of an element to Hex 722A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722A50 }
```

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

```
.background{ background-color:#722A50 }
```

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