

Converting Colors

Hex(732A50)

Have a look what the booklet for
Hex(732A50) contains.

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Color

Hex(732A50)

Conversions

Conversions Part 1

Format	Color
Hex	732A50
RGB	115, 42, 80
RGB Percent	45%, 16%, 31%
CMY	0.5490, 0.8353, 0.6863
CMYK	0.00, 0.63, 0.30, 0.55
HSL	329°, 46%, 31%
HSV	329°, 63%, 45%
XYZ	9.3462, 5.8800, 8.2318
YIQ	68.1590, 31.3100, 27.2940

Conversions

Conversions Part 2

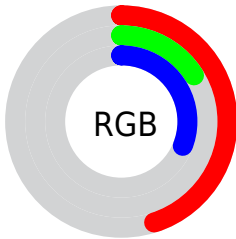
Format	Color
R_{YB}	115, 42, 80
Decimal	7547472
CIE _{Lab}	29.11, 36.35, -6.80
CIE _{LCh}	29, 36.983, 349.410
Yxy	5.8800, 0.3984, 0.2507
Android (android.graphics.Color)	4285737552 (0xFF732A50)
YUV	68.1590, 5.8376, 41.0796
Hunter-Lab	24.2486, 26.3643, -3.1534

Details

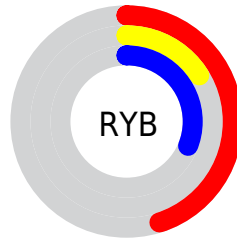
The Hex color **732A50** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A734D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A95C81**, and **3F0024** is the 20% darker color. If you saturate the color by 10%, you get **731F4A**, and if you desaturate by 10%, it is **733656**.

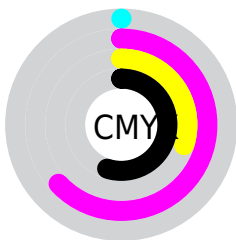
Distribution



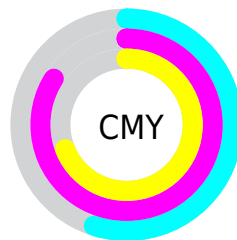
- Red (45%)
- Green (16%)
- Blue (31%)



- 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 732A50 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 732A50 by changing the saturation by 10% instead.

 732A50

 732A50

FFFFFF

 591039

 A95C81

 3F0024

 C5759B

 2B000E

 E290B6

 000000

 FFABD2

 FFC7EE

 FFE3FF

 732A50

 732A50

 731F4A

 733656

 731345

 73415B

 73073F

 734D61

 73003C

 735866

 73646C

 736F71

 737B77

 73867C

 739282

Harmonies

Analogous

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



5D356A



732A50



782A33

Triad

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



732A50



414906



005070

Complementary

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



732A50



2A734D

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.



005257



732A50



1D4F1D

Square

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



732A50



5B4006



005139



004B7D

Rectangle

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



732A50



733022



005139



005168

Sweetspot

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



732A50



967A89



4C2A73



4D3B44



CCCCCC



4D4D4D

Same Dimension

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



732A50



962460



732A2C



3B3538



7A0040



FA0082

Inverse Universe

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



732A50



962460



2A7371



3B3538



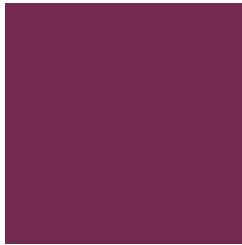
7A0040



FA0082

Previews

White Background



This preview shows how the Hex color 732A50 looks on a white background.

Color Contrast Check

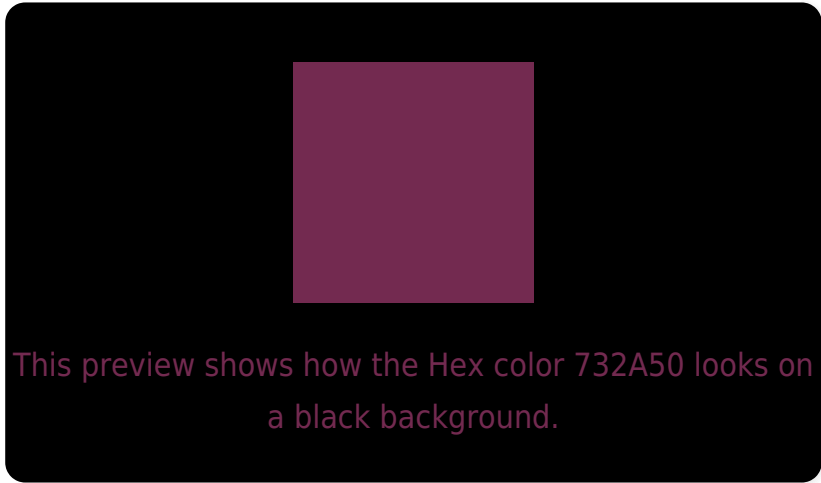
Large Text (above 18pt) WCAG AA ✓ Pass

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

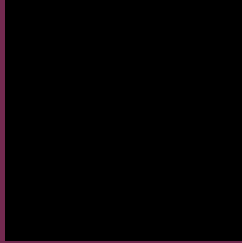
Any Text WCAG AA × Fail

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 732A50 Background



This preview shows how black text looks on a background with the Hex color 732A50.



This preview shows how white text looks on a background with the Hex color 732A50.

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
732A50

Protanopia
3C4562

Deuteranopia
49444C



Tritanopia
713134

Trichromacy



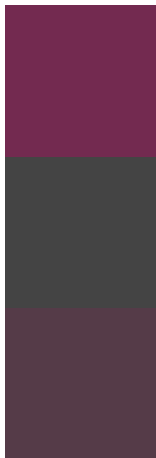
Original Color
732A50

Protanomaly
503B5B

Deuteranomaly
583B4D

Tritanomaly
722E3E

Monochromacy



Original Color
732A50

Achromatopsia
444444

Achromatomaly
553B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 732A50 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 #732A50 looks like.

```
.text, #text, p{  
    color:#732A50  
}
```

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 #732A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732A50
}
```

Border

The CSS property to change the border of an element to Hex 732A50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

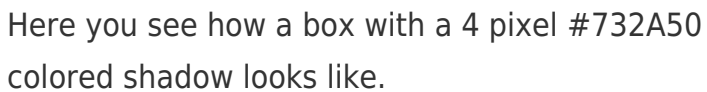
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732A50 }
```

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

```
.border{ border-color:#732A50 }
```

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



Here you see how a box with a 4 pixel #732A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732A50; -webkit-box-shadow:4px 4px  
4px 4px #732A50; box-shadow:4px 4px 4px  
4px #732A50 }
```

Background

The CSS property to change the background color of an element to Hex 732A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732A50 }
```

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

```
.background{ background-color:#732A50 }
```

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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