

# Converting Colors

Hex(713B72)

Have a look what the booklet for  
Hex(713B72) contains.

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**Color**

**Hex(713B72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713B72
RGB	113, 59, 114
RGB Percent	44%, 23%, 45%
CMY	0.5569, 0.7686, 0.5529
CMYK	0.01, 0.48, 0.00, 0.55
HSL	299°, 32%, 34%
HSV	299°, 48%, 45%
XYZ	11.4113, 7.8535, 16.8340
YIQ	81.4160, 14.5290, 28.5530

# Conversions

## Conversions Part 2

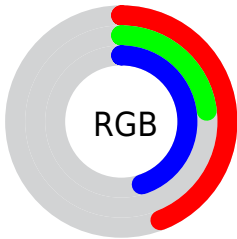
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 59, 114
Decimal	7420786
CIE <sub>Lab</sub>	33.68, 32.54, -21.69
CIE <sub>LCh</sub>	34, 39.110, 326.309
Yxy	7.8535, 0.3161, 0.2176
Android (android.graphics.Color)	4285610866 (0xFF713B72)
<b>YUV</b>	81.4160, 16.0639, 27.6992
Hunter-Lab	28.0242, 23.6418, -15.9984

# Details

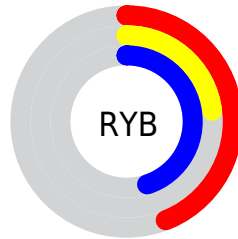
The Hex color **713B72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C723B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A66CA6**, and **3F0A42** is the 20% darker color. If you saturate the color by 10%, you get **713072**, and if you desaturate by 10%, it is **714672**.

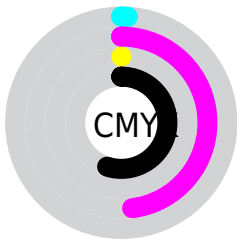
# Distribution



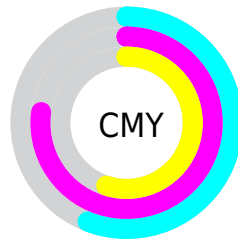
- Red (44%)
- Green (23%)
- Blue (45%)



- Red (44%)
- Yellow (23%)
- Blue (45%)



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (77%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 713B72 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 713B72 by changing the saturation by 10% instead.



713B72

713B72

FFFFFF

582359

A66CA6

3F0A42

C286C1

29002B

DEA1DD

010016

FBBCFA

000000

FFD8FF

FFF5FF

713B72

713B72

713072

714672

712472

715272

701972

725D72

700D72

726972

700272

727472

700072

727F72

728B72

739672

73A272

# Harmonies

## Analogous

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



484987



713B72



843254

# Triad

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



713B72



624C09



005E6A

# Complementary

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



713B72



3C723B

# 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.



005E4A



713B72



445512

# Square

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



713B72



79401B



185B2B



005B82

# Rectangle

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



713B72



873240



185B2B



005E60



# Sweetspot

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



713B72



947F94



3B3D72



4A3D4A



C9C9C9



4A4A4A



# Same Dimension

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



713B72



923E94



723B58



383238



760078



F300F7



# Inverse Universe

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



723B3C



943E40



3B7255



383233



780002

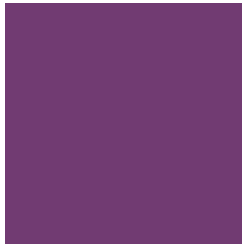


F70004



# Previews

## White Background



This preview shows how the Hex color 713B72 looks on a white background.

## Color Contrast Check

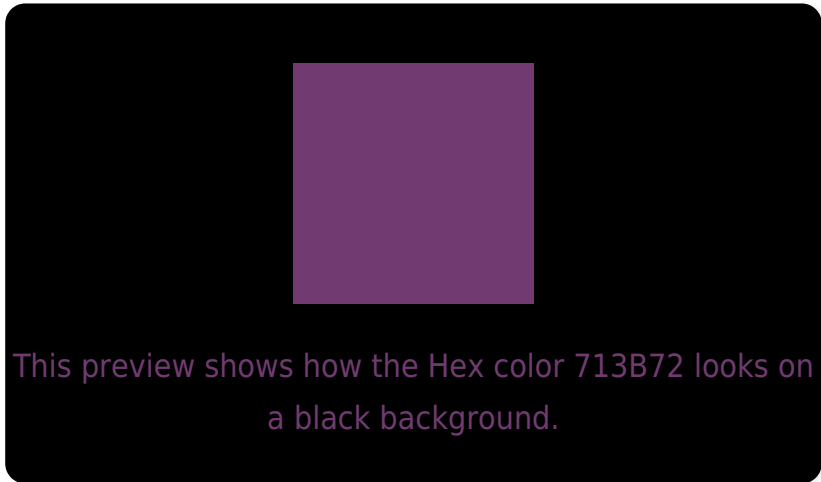
Large Text (above 18pt) WCAG AA ✓ Pass

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

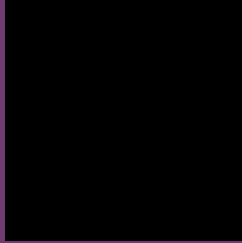
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713B72 Background



This preview shows how black text looks on a background with the Hex color 713B72.




This preview shows how white text looks on a background with the Hex color 713B72.

# 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**  
6C454A

# Trichromacy



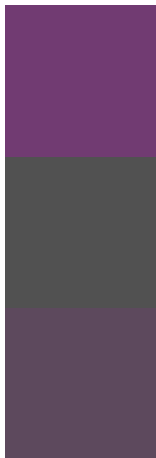
**Original Color**  
713B72

**Protanomaly**  
4F477C

**Deuteranomaly**  
56486F

**Tritanomaly**  
6E4159

# Monochromacy



**Original Color**  
713B72

**Achromatopsia**  
515151

**Achromatomaly**  
5D495D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713B72 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 #713B72 looks like.

```
.text, #text, p{  
    color:#713B72  
}
```

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 #713B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713B72
}
```

## Border

The CSS property to change the border of an element to Hex 713B72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

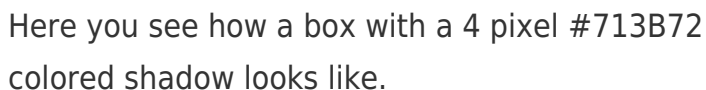
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713B72 }
```

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

```
.border{ border-color:#713B72 }
```

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



Here you see how a box with a 4 pixel #713B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713B72; -webkit-box-shadow:4px 4px  
4px 4px #713B72; box-shadow:4px 4px 4px  
4px #713B72 }
```

# Background

The CSS property to change the background color of an element to Hex 713B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713B72 }
```

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

```
.background{ background-color:#713B72 }
```

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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