

# Converting Colors

Hex(713A69)

Have a look what the booklet for  
Hex(713A69) contains.

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**Color**

**Hex(713A69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713A69
RGB	113, 58, 105
RGB Percent	44%, 23%, 41%
CMY	0.5569, 0.7725, 0.5882
CMYK	0.00, 0.49, 0.07, 0.56
HSL	309°, 32%, 34%
HSV	309°, 49%, 44%
XYZ	10.8729, 7.5567, 14.2501
YIQ	79.8030, 17.6930, 26.2770

# Conversions

## Conversions Part 2

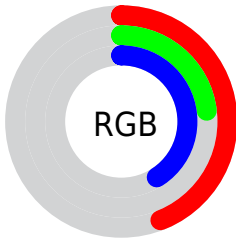
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 58, 105
Decimal	7420521
CIE <sub>Lab</sub>	33.04, 31.33, -16.99
CIE <sub>LCh</sub>	33, 35.640, 331.534
Yxy	7.5567, 0.3327, 0.2312
Android (android.graphics.Color)	4285610601 (0xFF713A69)
YUV	79.8030, 12.4221, 29.1138
Hunter-Lab	27.4895, 22.4953, -11.4923

# Details

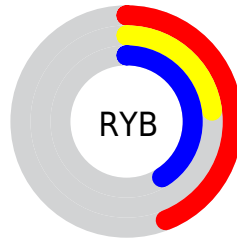
The Hex color **713A69** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A7142**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A66B9C**, and **3F0A3A** is the 20% darker color. If you saturate the color by 10%, you get **712F67**, and if you desaturate by 10%, it is **71456B**.

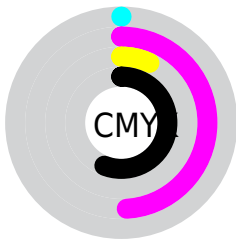
# Distribution



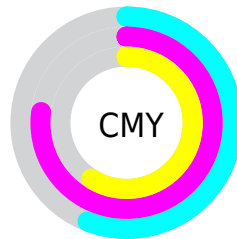
- Red (44%)
- Green (23%)
- Blue (41%)



- Red (44%)
- Yellow (23%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (7%)
- Black (56%)



- Cyan (56%)
- Magenta (77%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 713A69 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 713A69 by changing the saturation by 10% instead.



713A69

713A69

FFFFFF

582251

A66B9C

3F0A3A

C285B7

290024

DEA0D3

00000C

FBBBEF

000000

FFD7FF

FFF3FF

713A69

713A69

712F67

71456B

712366

71516C

711864

715C6E

710D62

716770

710261

717371

710061

717E73

718975

719476

71A078

# Harmonies

## Analogous

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



50467E



713A69



80344D

# Triad

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



713A69



5B4D10



005B6A

# Complementary

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



713A69



3A7142

# 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.



005B4E



713A69



3F551A

# Square

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



713A69



72421C



135932



00577F

# Rectangle

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



713A69



81353B



135932



005B62



# Sweetspot

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



713A69



947E91



413A71



4A3D48



C9C9C9



4A4A4A



# Same Dimension

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



713A69



943E87



713A4E



383237



780066



F700D3



# Inverse Universe

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



713A69



943E87



3A715D



383237



780066

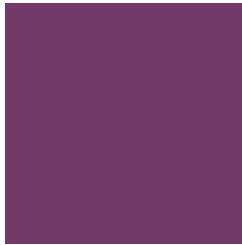


F700D3



# Previews

## White Background



This preview shows how the Hex color 713A69 looks on a white background.

## Color Contrast Check

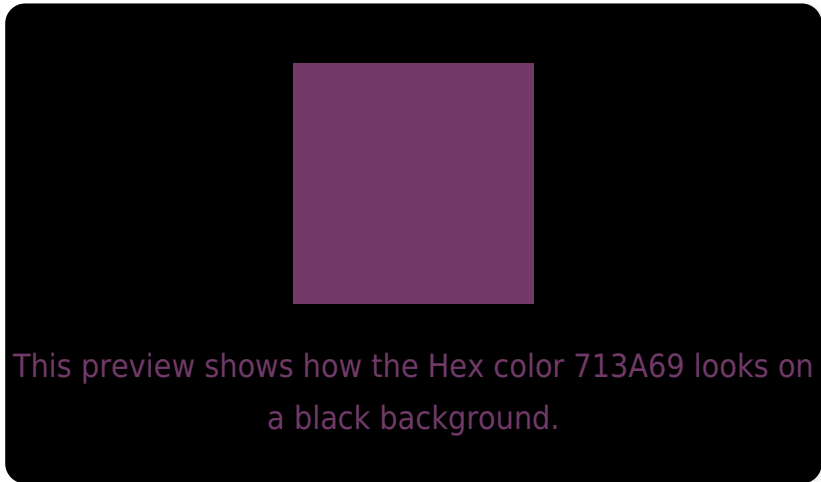
Large Text (above 18pt) WCAG AA ✓ Pass

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

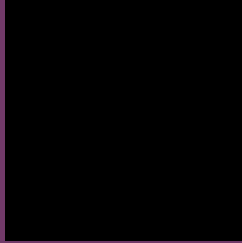
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713A69 Background



This preview shows how black text looks on a background with the Hex color 713A69.



This preview shows how white text looks on a background with the Hex color 713A69.

# 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**  
6D4247

# Trichromacy



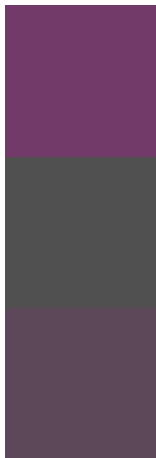
**Original Color**  
713A69

**Protanomaly**  
514673

**Deuteranomaly**  
584667

**Tritanomaly**  
6E3F53

# Monochromacy



**Original Color**  
713A69

**Achromatopsia**  
505050

**Achromatomaly**  
5C4859

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713A69 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 #713A69 looks like.

```
.text, #text, p{  
    color:#713A69  
}
```

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 #713A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713A69
}
```

## Border

The CSS property to change the border of an element to Hex 713A69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

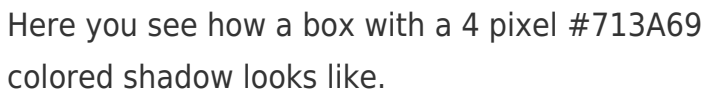
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713A69 }
```

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

```
.border{ border-color:#713A69 }
```

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



Here you see how a box with a 4 pixel #713A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713A69; -webkit-box-shadow:4px 4px  
4px 4px #713A69; box-shadow:4px 4px 4px  
4px #713A69 }
```

# Background

The CSS property to change the background color of an element to Hex 713A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713A69 }
```

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

```
.background{ background-color:#713A69 }
```

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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