

Converting Colors

Hex(713B68)

Have a look what the booklet for
Hex(713B68) contains.

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Color

Hex(713B68)

Conversions

Conversions Part 1

Format	Color
Hex	713B68
RGB	113, 59, 104
RGB Percent	44%, 23%, 41%
CMY	0.5569, 0.7686, 0.5922
CMYK	0.00, 0.48, 0.08, 0.56
HSL	310°, 31%, 34%
HSV	310°, 48%, 44%
XYZ	10.8727, 7.6381, 13.9980
YIQ	80.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

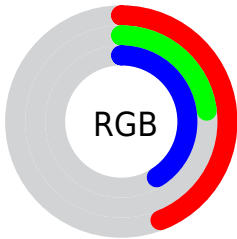
Format	Color
R_{YB}	113, 59, 104
Decimal	7420776
CIE Lab	33.22, 30.57, -16.08
CIE LCh	33, 34.546, 332.255
Yxy	7.6381, 0.3345, 0.2350
Android (android.graphics.Color)	4285610856 (0xFF713B68)
YUV	80.2760, 11.6959, 28.6989
Hunter-Lab	27.6371, 21.8586, -10.6838

Details

The Hex color **713B68** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B7144**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A66C9B**, and **3F0B39** is the 20% darker color. If you saturate the color by 10%, you get **713066**, and if you desaturate by 10%, it is **71466A**.

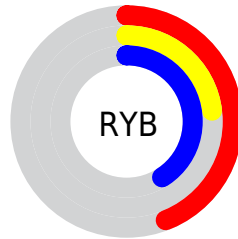
Distribution



Red (44%)

Green (23%)

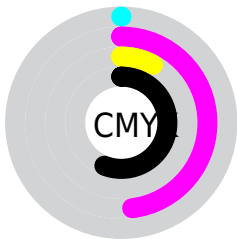
Blue (41%)



Red (44%)

Yellow (23%)

Blue (41%)

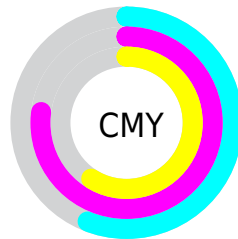


Cyan (0%)

Magenta (48%)

Yellow (8%)

Black (56%)



Cyan (56%)


Magenta (77%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 713B68 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 713B68 by changing the saturation by 10% instead.

 713B68

 713B68

FFFFFF

 582350

 A66C9B

 3F0B39

 C286B6

 290023

 DEA1D2


 00000B


 FBBCEE


 000000

 FFD8FF

 FFF4FF

 713B68

 713B68

 713066

 71466A

712464

71526C

711962

715D6E

710E60

716870

71035F

717471

71005E

717F73

718A75

719577

71A179

Harmonies

Analogous

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



52467C



713B68



7F354D

Triad

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



713B68



5B4D13



005B6A

Complementary

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



713B68



3B7144

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.



005B4F



713B68



3F551D

Square

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



713B68



71431D



165934



00577E

Rectangle

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



713B68



80373B



165934



005B62

Sweetspot

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



713B68



947F90



443B71



4A3D48



C9C9C9



4A4A4A

Same Dimension

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



713B68



944086



713B4D



383237



780064



F700CE

Inverse Universe

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



713B68



944086



3B715F



383237



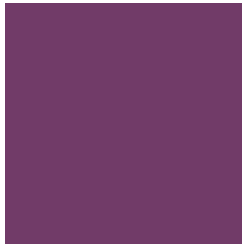
780064



F700CE

Previews

White Background



This preview shows how the Hex color 713B68 looks on a white background.

Color Contrast Check

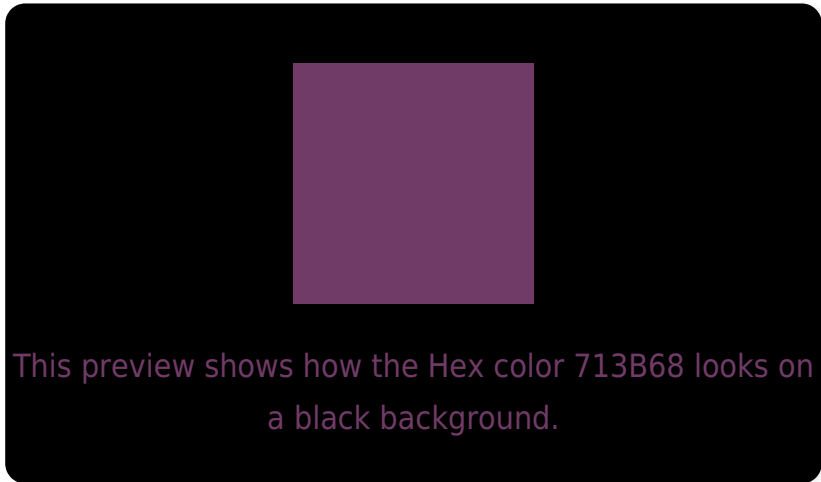
Large Text (above 18pt) WCAG AA ✓ Pass

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

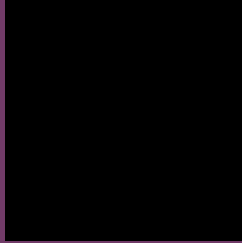
Any Text WCAG AA × Fail

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 713B68 Background



This preview shows how black text looks on a background with the Hex color 713B68.

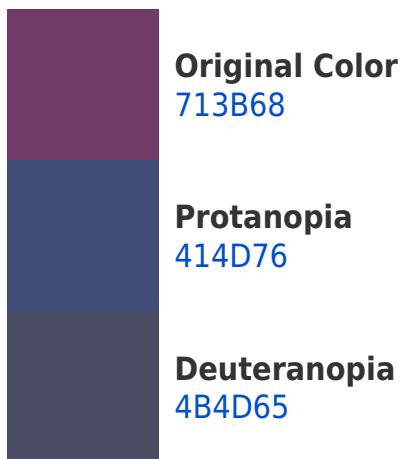


This preview shows how white text looks on a background with the Hex color 713B68.

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



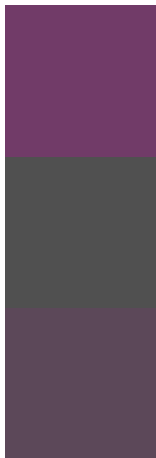
Original Color
713B68

Protanomaly
524671

Deuteranomaly
594666

Tritanomaly
6E3F53

Monochromacy



Original Color
713B68

Achromatopsia
505050

Achromatomaly
5C4859

CSS Examples

Text

The CSS property to change the color of the text to Hex 713B68 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 #713B68 looks like.

```
.text, #text, p{  
    color:#713B68  
}
```

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 #713B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713B68
}
```

Border

The CSS property to change the border of an element to Hex 713B68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

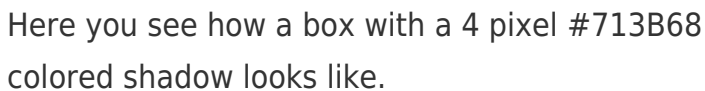
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713B68 }
```

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

```
.border{ border-color:#713B68 }
```

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



Here you see how a box with a 4 pixel #713B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713B68; -webkit-box-shadow:4px 4px  
4px 4px #713B68; box-shadow:4px 4px 4px  
4px #713B68 }
```

Background

The CSS property to change the background color of an element to Hex 713B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713B68 }
```

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

```
.background{ background-color:#713B68 }
```

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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