

Converting Colors

Hex(735683)

Have a look what the booklet for
Hex(735683) contains.

Hex(735683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(735683)

Conversions

Conversions Part 1

Format	Color
Hex	735683
RGB	115, 86, 131
RGB Percent	45%, 34%, 51%
CMY	0.5490, 0.6627, 0.4863
CMYK	0.12, 0.34, 0.00, 0.49
HSL	279°, 21%, 43%
HSV	279°, 34%, 51%
XYZ	14.4948, 11.9391, 23.0133
YIQ	99.8010, 2.8390, 20.1430

Conversions

Conversions Part 2

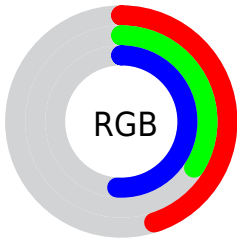
Format	Color
R_{YB}	115, 86, 131
Decimal	7558787
CIE Lab	41.12, 20.93, -20.65
CIE LCh	41, 29.404, 315.382
Yxy	11.9391, 0.2931, 0.2415
Android (android.graphics.Color)	4285748867 (0xFF735683)
YUV	99.8010, 15.3811, 13.3295
Hunter-Lab	34.5530, 14.4118, -15.3016

Details

The Hex color **735683** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **668356**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A888B8**, and **422851** is the 20% darker color. If you saturate the color by 10%, you get **6E4983**, and if you desaturate by 10%, it is **786383**.

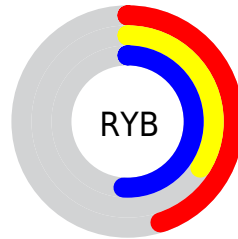
Distribution



Red (45%)

Green (34%)

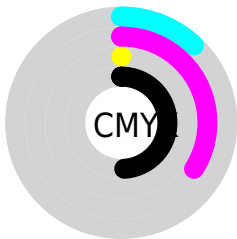
Blue (51%)



Red (45%)

Yellow (34%)

Blue (51%)

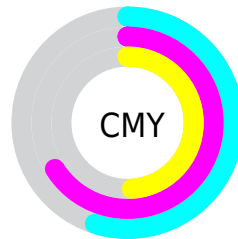


Cyan (12%)

Magenta (34%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735683 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 735683 by changing the saturation by 10% instead.

 735683

 735683

FFFFFF

 5A3E6A

 A888B8

 422851

 C3A2D4

 2B133A

 DFBEF0

 190025

 FCDAFF

 00010D

 FFF6FF

 000000

 735683

 735683

 6E4983

 786383

 6A3C83

 7C7083

652F83

817D83

602283

868A83

5C1583

8A9783

570783

8FA583

540083

94B283

98BF83

9DCC83

Harmonies

Analogous

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



515F8F



735683



884F6E

Triad

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



735683



7A5B32



006E6D

Complementary

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



735683



668356

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.



266D54



735683



646331

Square

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



735683



8A5340



49693E



006C83

Rectangle

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



735683



8E4D5D



49693E



006E65

Sweetspot

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



735683



A59AAB



566783



534C57



D6D6D6



575757

Same Dimension

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



735683



9265AB



83567D



403C42



540082



020003

Inverse Universe

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



835666



AB657E



56835C



423C3E



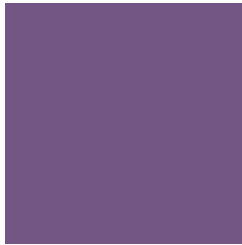
82002E



030001

Previews

White Background



This preview shows how the Hex color 735683 looks on a white background.

Color Contrast Check

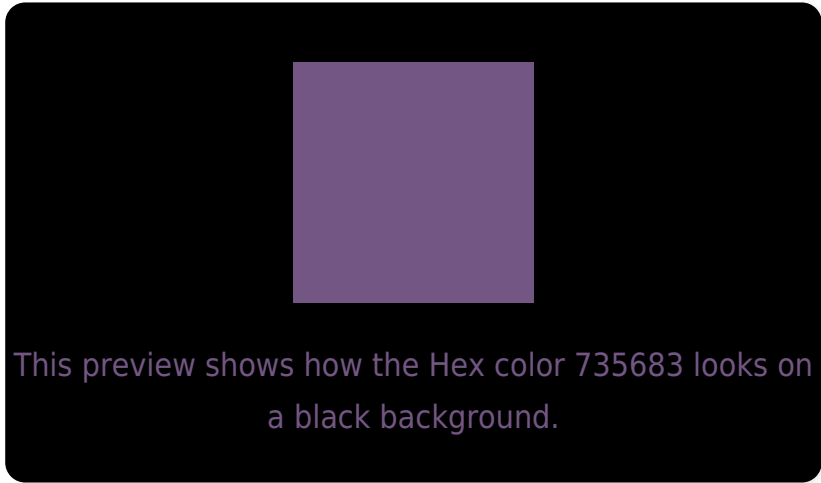
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

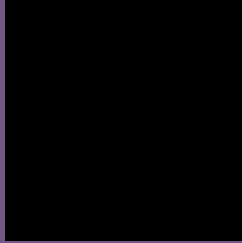
Any Text WCAG AA × Fail

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 735683 Background



This preview shows how black text looks on a background with the Hex color 735683.

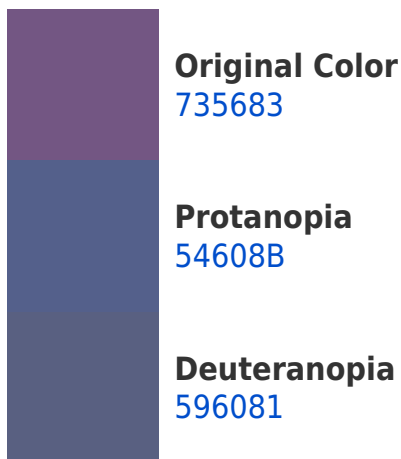



This preview shows how white text looks on a background with the Hex color 735683.

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
6E5C64

Trichromacy



Original Color
735683

Protanomaly
5F5C88

Deuteranomaly
625C82

Tritanomaly
705A6F

Monochromacy



Original Color
735683

Achromatopsia
646464

Achromatomaly
695F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 735683 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 #735683 looks like.

```
.text, #text, p{  
    color:#735683  
}
```

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 #735683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735683
}
```

Border

The CSS property to change the border of an element to Hex 735683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

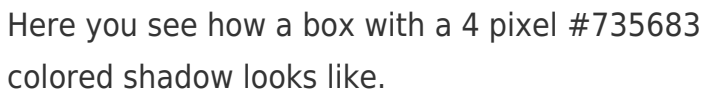
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735683 }
```

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

```
.border{ border-color:#735683 }
```

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



Here you see how a box with a 4 pixel #735683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735683; -webkit-box-shadow:4px 4px  
4px 4px #735683; box-shadow:4px 4px 4px  
4px #735683 }
```

Background

The CSS property to change the background color of an element to Hex 735683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735683 }
```

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

```
.background{ background-color:#735683 }
```

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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