

Converting Colors

Hex(736778)

Have a look what the booklet for
Hex(736778) contains.

Hex(736778)	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(736778)

Conversions

Conversions Part 1

Format	Color
Hex	736778
RGB	115, 103, 120
RGB Percent	45%, 40%, 47%
CMY	0.5490, 0.5961, 0.5294
CMYK	0.04, 0.14, 0.00, 0.53
HSL	282°, 8%, 44%
HSV	282°, 14%, 47%
XYZ	15.3106, 14.7014, 19.8000
YIQ	108.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

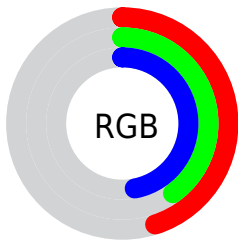
Format	Color
R_{YB}	115, 103, 120
Decimal	7563128
CIE Lab	45.22, 8.16, -7.75
CIE LCh	45, 11.259, 316.478
Yxy	14.7014, 0.3074, 0.2951
Android (android.graphics.Color)	4285753208 (0xFF736778)
YUV	108.5260, 5.6567, 5.6777
Hunter-Lab	38.3424, 4.1783, -3.7776

Details

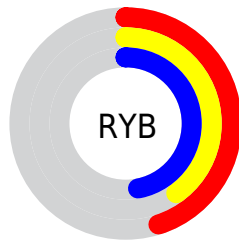
The Hex color **736778** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C7867**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A79AAC**, and **433848** is the 20% darker color. If you saturate the color by 10%, you get **6F5B78**, and if you desaturate by 10%, it is **777378**.

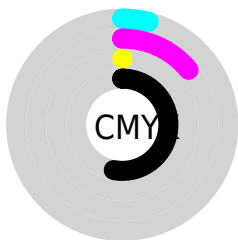
Distribution



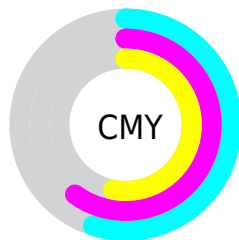
- Red (45%)
- Green (40%)
- Blue (47%)



- Red (45%)
- Yellow (40%)
- Blue (47%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736778 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 736778 by changing the saturation by 10% instead.

736778

736778

FFFFFF

5A4F5F

A79AAC

433848

C2B5C8

2D2331

DED0E4

190D1C

FBEDFF

000000

736778

736778

6F5B78

777378

6C4F78

7A7F78

684378

7E8B78

■ 653778

■ 819778

■ 612B78

■ 85A378

■ 5E1F78

■ 88AF78

■ 5A1378

■ 8CBB78

■ 570778

■ 8FC778

■ 550078

■ 93D378

Harmonies

Analogous

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



676A7D



736778



7B6570

Triad

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



736778



776959



537170

Complementary

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



736778



6C7867

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.



597066



736778



6D6C59

Square

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



736778



7D665E



626F5E



546F78

Rectangle

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



736778



7E6569



626F5E



54716D

Sweetspot

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



736778



9A959C



676C78



4E4B4F



CFCFCF



4F4F4F

Same Dimension

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



736778



94819C



786775



3B373D



58007D



B200FC

Inverse Universe

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



78676C



9C8189



67786A



3D3739



7D0025



FC004A

Previews

White Background



This preview shows how the Hex color 736778 looks on a white background.

Color Contrast Check

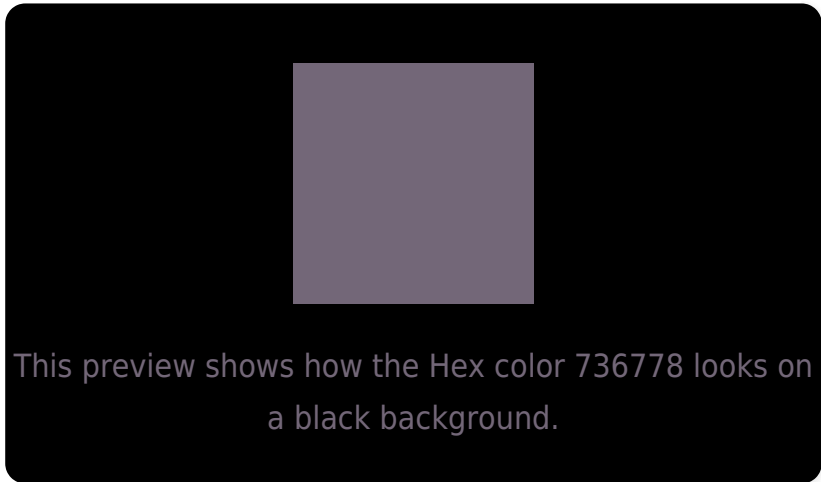
Large Text (above 18pt) WCAG AA ✓ Pass

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

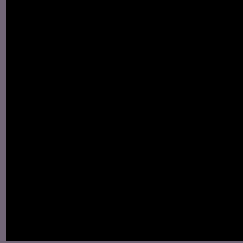
Any Text WCAG AA × Fail

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 736778 Background



This preview shows how black text looks on a background with the Hex color 736778.



This preview shows how white text looks on a background with the Hex color 736778.

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
736778

Protanopia
686A7A

Deuteranopia
706878



Tritanopia
726870

Trichromacy



Original Color
736778

Protanomaly
6C6979

Deuteranomaly
716878

Tritanomaly
726873

Monochromacy



Original Color
736778

Achromatopsia
6D6D6D

Achromatomaly
6F6B71

CSS Examples

Text

The CSS property to change the color of the text to Hex 736778 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 #736778 looks like.

```
.text, #text, p{  
    color:#736778  
}
```

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 #736778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736778  
}
```

Border

The CSS property to change the border of an element to Hex 736778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

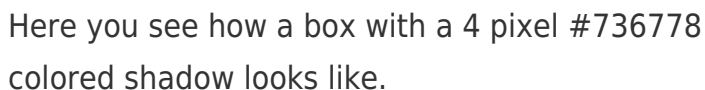
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#736778 }
```

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

```
.border{ border-color:#736778 }
```

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



Here you see how a box with a 4 pixel #736778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736778; -webkit-box-shadow:4px 4px  
4px 4px #736778; box-shadow:4px 4px 4px  
4px #736778 }
```

Background

The CSS property to change the background color of an element to Hex 736778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736778 }
```

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

```
.background{ background-color:#736778 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor