

Converting Colors

Hex(73678A)

Have a look what the booklet for
Hex(73678A) contains.

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Color

Hex(73678A)

Conversions

Conversions Part 1

Format	Color
Hex	73678A
RGB	115, 103, 138
RGB Percent	45%, 40%, 54%
CMY	0.5490, 0.5961, 0.4588
CMYK	0.17, 0.25, 0.00, 0.46
HSL	261°, 15%, 47%
HSV	261°, 25%, 54%
XYZ	16.5079, 15.1803, 26.1048
YIQ	110.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

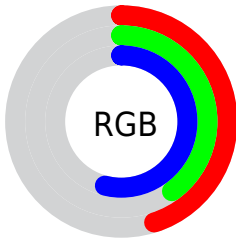
Format	Color
R_{YB}	115, 103, 138
Decimal	7563146
CIE _{Lab}	45.88, 12.24, -17.56
CIE _{LCh}	46, 21.404, 304.891
Yxy	15.1803, 0.2856, 0.2627
Android (android.graphics.Color)	4285753226 (0xFF73678A)
YUV	110.5780, 13.5190, 3.8781
Hunter-Lab	38.9619, 7.4460, -12.4514

Details

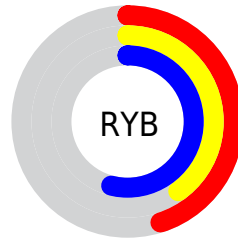
The Hex color **73678A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E8A67**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A79AC0**, and **423858** is the 20% darker color. If you saturate the color by 10%, you get **6A598A**, and if you desaturate by 10%, it is **7C758A**.

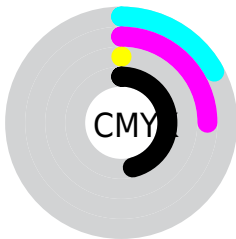
Distribution



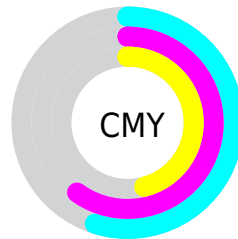
- Red (45%)
- Green (40%)
- Blue (54%)



- Red (45%)
- Yellow (40%)
- Blue (54%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73678A 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 73678A by changing the saturation by 10% instead.

■ 73678A

■ 73678A

FFFFFF

■ 5A4F70

■ A79AC0

■ 423858

■ C3B5DB

■ 2C2240

■ DFD0F8

■ 170E2A

■ FBEDFF

■ 000115

■ 000000

■ 73678A

■ 73678A

■ 6A598A

■ 7C758A

■ 614B8A

■ 85838A

■ 583E8A

■ 8E908A

■ 4F308A

■ 979E8A

■ 46228A

■ A0AC8A

■ 3D148A

■ A9BA8A

■ 34068A

■ B2C88A

■ 2F008A

■ BCD58A

■ C5E38A

Harmonies

Analogous

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



5A6D90



73678A



86627C

Triad

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



73678A



86664D



3B776F

Complementary

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



73678A



7E8A67

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.



4E755D



73678A



766C49

Square

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



73678A



8F6159



63724F



337680

Rectangle

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



73678A



8E6070



63724F



417669

Sweetspot

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



73678A



A9A4B3



677E8A



535059



D9D9D9



595959

Same Dimension

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



73678A



8F7DB3



84678A



403E45



2D0085



020005

Inverse Universe

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



8A677E



B37DA0



6D8A67



453E42



850057



050003

Previews

White Background



This preview shows how the Hex color 73678A looks on a white background.

Color Contrast Check

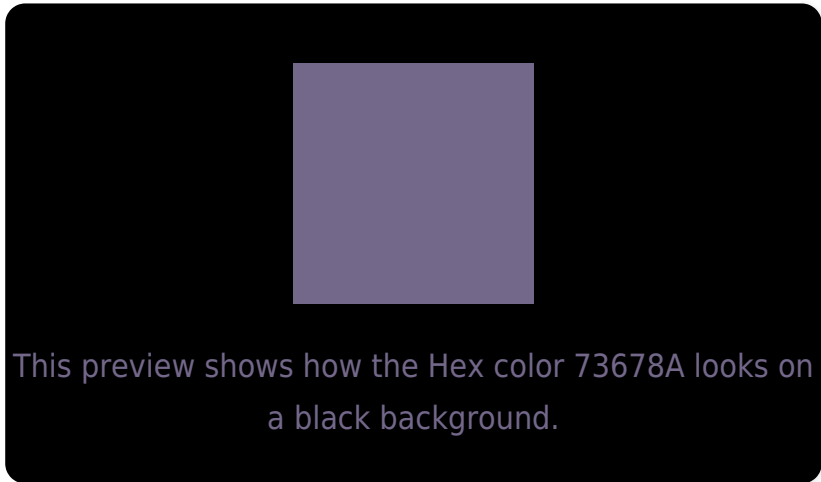
Large Text (above 18pt) WCAG AA ✓ Pass

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

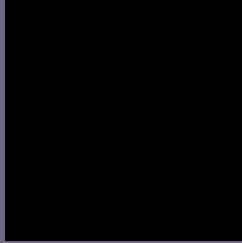
Any Text WCAG AA × Fail

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 73678A Background



This preview shows how black text looks on a background with the Hex color 73678A.



This preview shows how white text looks on a background with the Hex color 73678A.

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
73678A

Protanopia
646B8D

Deuteranopia
686B89



Tritanopia
6F6B74

Trichromacy



Original Color

73678A

Protanomaly

696A8C

Deuteranomaly

6C6A89

Tritanomaly

706A7C

Monochromacy



Original Color

73678A

Achromatopsia

6F6F6F

Achromatomaly

706C79

CSS Examples

Text

The CSS property to change the color of the text to Hex 73678A 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 #73678A looks like.

```
.text, #text, p{  
    color:#73678A  
}
```

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 #73678A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73678A
}
```

Border

The CSS property to change the border of an element to Hex 73678A 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
#73678A }
```

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

```
.border{ border-color:#73678A }
```

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

Here you see how a box with a 4 pixel #73678A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73678A; -webkit-box-shadow:4px 4px  
4px 4px #73678A; box-shadow:4px 4px 4px  
4px #73678A }
```

Background

The CSS property to change the background color of an element to Hex 73678A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73678A }
```

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

```
.background{ background-color:#73678A }
```

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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