

Converting Colors

Hex(726680)

Have a look what the booklet for
Hex(726680) contains.

| | |
|--|----|
| Hex(726680) | 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(726680)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 726680 |
| RGB | 114, 102, 128 |
| RGB Percent | 45%, 40%, 50% |
| CMY | 0.5529, 0.6000, 0.4980 |
| CMYK | 0.11, 0.20, 0.00, 0.50 |
| HSL | 268°, 11%, 45% |
| HSV | 268°, 20%, 50% |
| XYZ | 15.5871, 14.6387, 22.4261 |
| YIQ | 108.5520, -1.1940, 10.6300 |

Conversions

Conversions Part 2

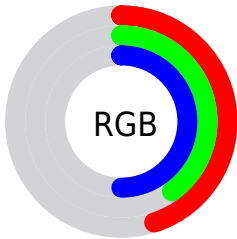
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 114, 102, 128 |
| Decimal | 7497344 |
| CIE _{Lab} | 45.14, 10.17, -12.71 |
| CIE _{LCh} | 45, 16.274, 308.666 |
| Yxy | 14.6387, 0.2960, 0.2780 |
| Android (android.graphics.Color) | 4285687424 (0xFF726680) |
| YUV | 108.5520, 9.5879, 4.7779 |
| Hunter-Lab | 38.2605, 5.7639, -7.9700 |

Details

The Hex color **726680** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **748066**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A699B5**, and **42374F** is the 20% darker color. If you saturate the color by 10%, you get **6B5980**, and if you desaturate by 10%, it is **797380**.

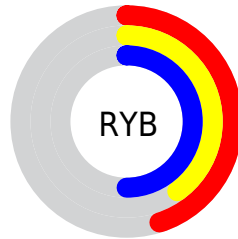
Distribution



Red (45%)

Green (40%)

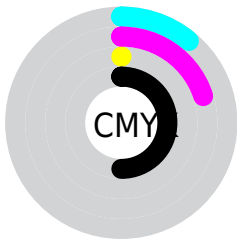
Blue (50%)



Red (45%)

Yellow (40%)

Blue (50%)

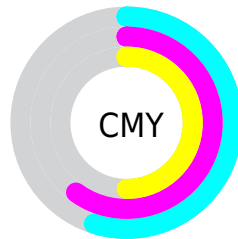


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 726680 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 726680 by changing the saturation by 10% instead.

726680

726680

FFFFFF

594E67

A699B5

42374F

C1B4D0

2B2238

DDCFED

170C22

FAECFF

00000B

000000

726680

726680

6B5980

797380

644C80

808080

5D4080

878C80

563380

8E9980

502680

94A680

491980

9BB380

420C80

A2C080

3B0080

A9CC80

B0D980

Harmonies

Analogous

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



606B85



726680



806275

Triad

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



726680



7E6752



47736E

Complementary

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



726680



748066

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.



537261



726680



716B50

Square

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



726680



85635A



626F55



45727B

Rectangle

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



726680



85616C



626F55



4A726A

Sweetspot

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



726680



A09CA6



667480



514E54



D4D4D4



545454

Same Dimension

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



726680



907EA6



7F6680



3C3940



3B0080



000000

Inverse Universe

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



806674



A67E93



678066



40393D



800045



000000

Previews

White Background



This preview shows how the Hex color 726680 looks on a white background.

Color Contrast Check

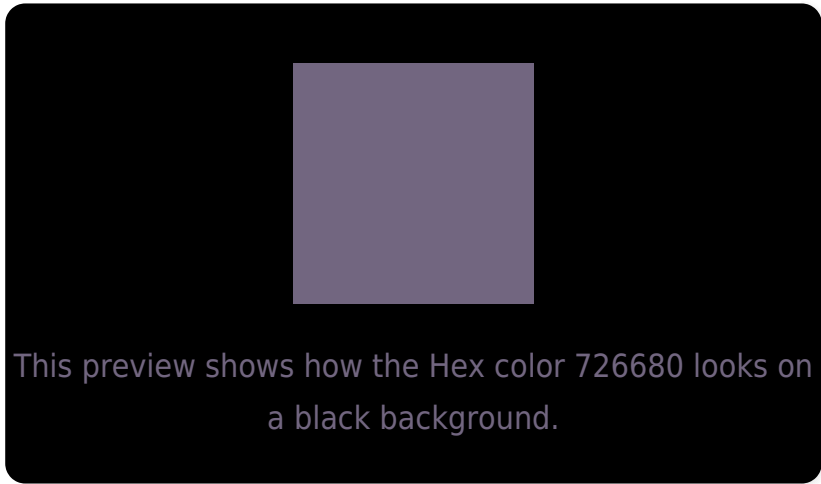
Large Text (above 18pt) WCAG AA ✓ Pass

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

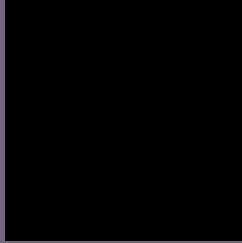
Any Text WCAG AA × Fail

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 726680 Background



This preview shows how black text looks on a background with the Hex color 726680.



This preview shows how white text looks on a background with the Hex color 726680.

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
726680

Protanopia
656A83

Deuteranopia
6B6880



Tritanopia
706971

Trichromacy



Original Color

726680

Protanomaly

6A6982

Deuteranomaly

6E6780

Tritanomaly

716876

Monochromacy



Original Color

726680

Achromatopsia

6D6D6D

Achromatomaly

6F6A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 726680 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 #726680 looks like.

```
.text, #text, p{  
    color:#726680  
}
```

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 #726680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726680
}
```

Border

The CSS property to change the border of an element to Hex 726680 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
#726680 }
```

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

```
.border{ border-color:#726680 }
```

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

Here you see how a box with a 4 pixel #726680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726680; -webkit-box-shadow:4px 4px  
4px 4px #726680; box-shadow:4px 4px 4px  
4px #726680 }
```

Background

The CSS property to change the background color of an element to Hex 726680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726680 }
```

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

```
.background{ background-color:#726680 }
```

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