

Converting Colors

Hex(726A6D)

Have a look what the booklet for
Hex(726A6D) contains.

Hex(726A6D)	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(726A6D)

Conversions

Conversions Part 1

Format	Color
Hex	726A6D
RGB	114, 106, 109
RGB Percent	45%, 42%, 43%
CMY	0.5529, 0.5843, 0.5725
CMYK	0.00, 0.07, 0.04, 0.55
HSL	338°, 4%, 43%
HSV	338°, 7%, 45%
XYZ	14.8538, 14.9896, 16.5784
YIQ	108.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

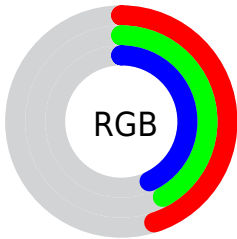
Format	Color
RYB	114, 106, 109
Decimal	7498349
CIELab	45.62, 3.72, -0.56
CIELCh	46, 3.759, 351.504
Yxy	14.9896, 0.3200, 0.3229
Android (android.graphics.Color)	4285688429 (0xFF726A6D)
YUV	108.7340, 0.1311, 4.6183
Hunter-Lab	38.7164, 0.7289, 1.7135

Details

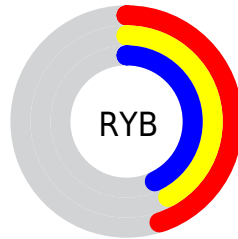
The Hex color **726A6D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A726F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A69DA0**, and **423B3E** is the 20% darker color. If you saturate the color by 10%, you get **725F66**, and if you desaturate by 10%, it is **727574**.

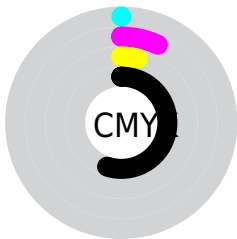
Distribution



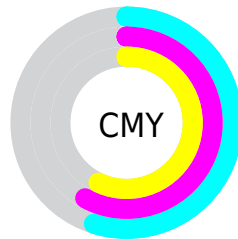
- Red (45%)
- Green (42%)
- Blue (43%)



- Red (45%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 726A6D 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 726A6D by changing the saturation by 10% instead.



726A6D



726A6D

FFFFFF



595255



A69DA0



423B3E



C1B8BB



2C2528



DDD4D7



181013



F9F0F4



000000



726A6D



726A6D



725F66



727574



72535F



72817B



724858



728C82

 723C50

 72988A

 723149

 72A391

 722642

 72AE98

 721A3B

 72BA9F

 720F34

 72C5A6

 72032D

 72D1AD

Harmonies

Analogous

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



6F6B70



726A6D



736A6A

Triad

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



726A6D



6C6C66



656D71

Complementary

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



726A6D



6A726F

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.



646E6E



726A6D



696D68

Square

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



726A6D



706B66



666E6B



686D72

Rectangle

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



726A6D



736A68



666E6B



656E70

Sweetspot

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



726A6D



949192



6F6A72



4A4849



C9C9C9



4A4A4A

Same Dimension

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



726A6D



94888D



726B6A



383235



78002D



F7005D

Inverse Universe

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



726A6D



94888D



6A7172



383235



78002D



F7005D

Previews

White Background



This preview shows how the Hex color 726A6D looks on a white background.

Color Contrast Check

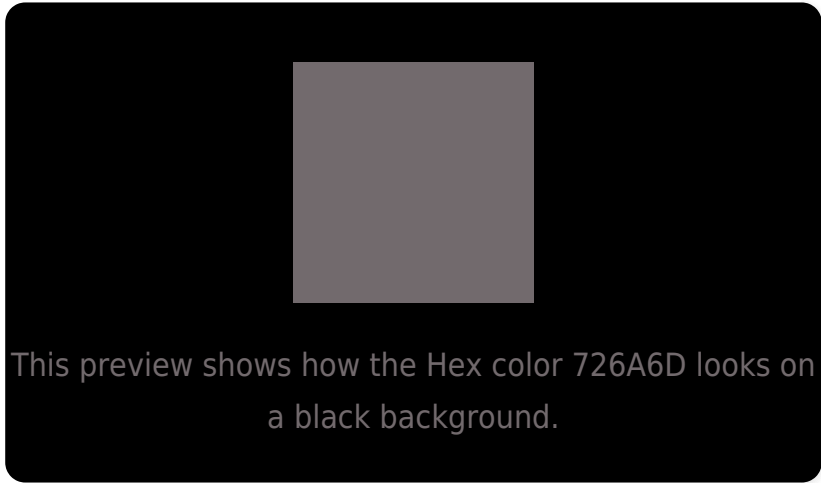
Large Text (above 18pt) WCAG AA ✓ Pass

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

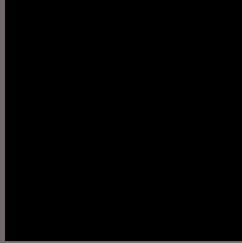
Any Text WCAG AA × Fail

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 726A6D Background



This preview shows how black text looks on a background with the Hex color 726A6D.



This preview shows how white text looks on a background with the Hex color 726A6D.

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

726A6D

Protanopia

6D6B6E

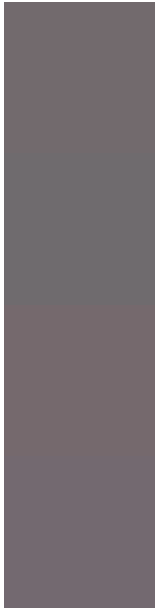
Deuteranopia

76696D



Tritanopia
736972

Trichromacy



Original Color

726A6D

Protanomaly

6F6B6E

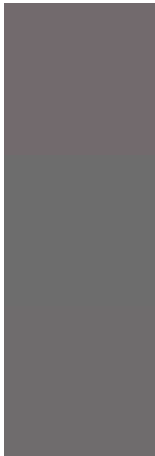
Deuteranomaly

75696D

Tritanomaly

736970

Monochromacy



Original Color

726A6D

Achromatopsia

6D6D6D

Achromatomaly

6F6C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 726A6D 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 #726A6D looks like.

```
.text, #text, p{  
    color:#726A6D  
}
```

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 #726A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726A6D
}
```

Border

The CSS property to change the border of an element to Hex 726A6D 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
#726A6D }
```

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

```
.border{ border-color:#726A6D }
```

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

Here you see how a box with a 4 pixel #726A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726A6D; -webkit-box-shadow:4px 4px  
4px 4px #726A6D; box-shadow:4px 4px 4px  
4px #726A6D }
```

Background

The CSS property to change the background color of an element to Hex 726A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726A6D }
```

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

```
.background{ background-color:#726A6D }
```

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