

# Converting Colors

Hex(726273)

Have a look what the booklet for  
Hex(726273) contains.

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# Color

**Hex(726273)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	726273
RGB	114, 98, 115
RGB Percent	45%, 38%, 45%
CMY	0.5529, 0.6157, 0.5490
CMYK	0.01, 0.15, 0.00, 0.55
HSL	296°, 8%, 42%
HSV	296°, 15%, 45%
XYZ	14.4016, 13.5506, 18.0761
YIQ	104.7220, 4.0790, 8.6790

# Conversions

## Conversions Part 2

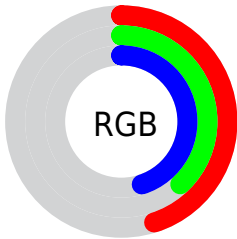
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 98, 115
Decimal	7496307
CIE Lab	43.58, 9.74, -7.19
CIE LCh	44, 12.111, 323.560
Yxy	13.5506, 0.3129, 0.2944
Android (android.graphics.Color)	4285686387 (0xFF726273)
YUV	104.7220, 5.0671, 8.1368
Hunter-Lab	36.8111, 5.4152, -3.3466

# Details

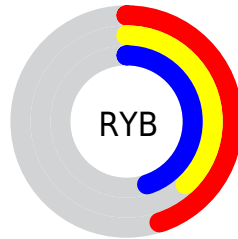
The Hex color **726273** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637362**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A695A7**, and **423443** is the 20% darker color. If you saturate the color by 10%, you get **715773**, and if you desaturate by 10%, it is **736E73**.

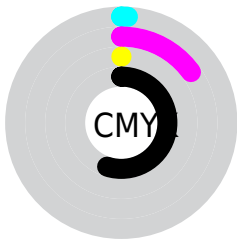
# Distribution



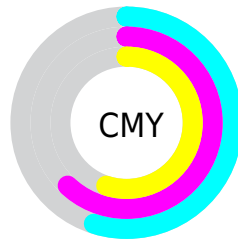
- Red (45%)
- Green (38%)
- Blue (45%)



- Red (45%)
- Yellow (38%)
- Blue (45%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726273 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 726273 by changing the saturation by 10% instead.



726273

726273

FFFFFF

594A5A

A695A7

423443

C1AFC2

2C1E2D

DDCBDE

180618

FAE7FB

000000

726273

726273

715773

736E73

714B73

737973

704073

748573

6F3473

759073

6F2973

759B73

6E1D73

76A773

6D1273

77B373

6D0673

77BE73

6C0073

78CA73

# Harmonies

## Analogous

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



666579



726273



7A606A

# Triad

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



726273



716653



4C6D6F

# Complementary

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



726273



637362

# 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.



516D64



726273



666955

# Square

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



726273



796257



5B6B5B



4F6B77

# Rectangle

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



726273



7C6063



5B6B5B



4D6D6B



# Sweetspot

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



726273



969096



626373



4C494D



CCCCCC



4D4D4D



# Same Dimension

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



726273



957B96



73626C



3A353B



73007A



EB00FA



# Inverse Universe

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



736263



967B7D



627369



3B3535



7A0007

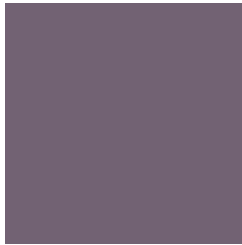


FA000F



# Previews

## White Background



This preview shows how the Hex color 726273 looks on a white background.

## Color Contrast Check

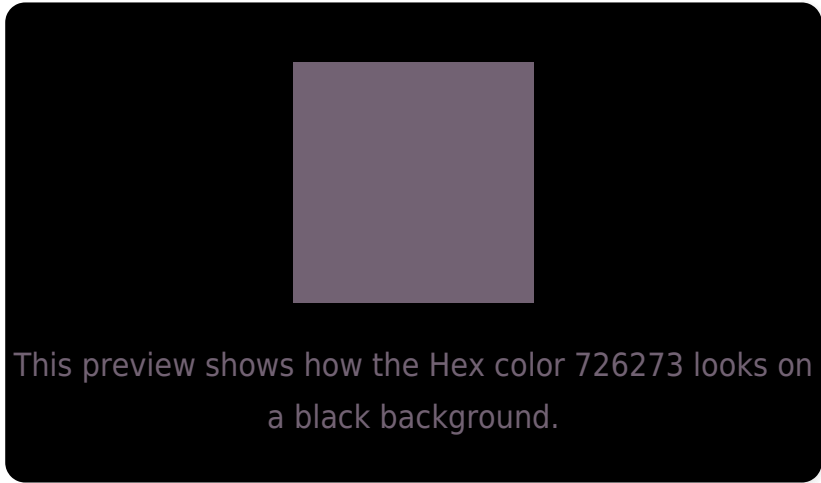
Large Text (above 18pt) WCAG AA ✓ Pass

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

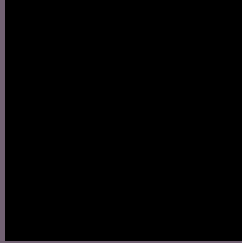
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 726273 Background



This preview shows how black text looks on a background with the Hex color 726273.



This preview shows how white text looks on a background with the Hex color 726273.

# 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**

726273

**Protanopia**

656676

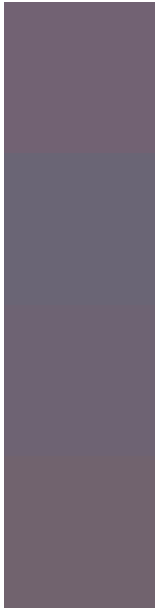
**Deuteranopia**

6C6473



**Tritanopia**  
71636B

# Trichromacy



**Original Color**

726273

**Protanomaly**

6A6575

**Deuteranomaly**

6E6373

**Tritanomaly**

71636E

# Monochromacy



**Original Color**

726273

**Achromatopsia**

696969

**Achromatomaly**

6C666D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726273 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 #726273 looks like.

```
.text, #text, p{  
    color:#726273  
}
```

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 #726273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726273  
}
```

## Border

The CSS property to change the border of an element to Hex 726273 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  
#726273 }
```

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

```
.border{ border-color:#726273 }
```

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

Here you see how a box with a 4 pixel #726273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726273; -webkit-box-shadow:4px 4px  
4px 4px #726273; box-shadow:4px 4px 4px  
4px #726273 }
```

# Background

The CSS property to change the background color of an element to Hex 726273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726273 }
```

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

```
.background{ background-color:#726273 }
```

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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