

# Converting Colors

Hex(726969)

Have a look what the booklet for  
Hex(726969) contains.

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# Color

Hex(726969)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	726969
RGB	114, 105, 105
RGB Percent	45%, 41%, 41%
CMY	0.5529, 0.5882, 0.5882
CMYK	0.00, 0.08, 0.08, 0.55
HSL	0°, 4%, 43%
HSV	0°, 8%, 45%
XYZ	14.5408, 14.7005, 15.4357
YIQ	107.6910, 5.3640, 1.9080

# Conversions

## Conversions Part 2

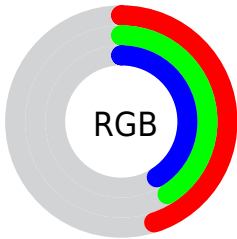
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 105, 105
Decimal	7498089
CIE <sub>Lab</sub>	45.22, 3.53, 1.27
CIE <sub>LCh</sub>	45, 3.752, 19.775
Yxy	14.7005, 0.3255, 0.3290
Android (android.graphics.Color)	4285688169 (0xFF726969)
YUV	107.6910, -1.3267, 5.5330
Hunter-Lab	38.3412, 0.5986, 2.9694

# Details

The Hex color **726969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **697272**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A69C9C**, and **423A3A** is the 20% darker color. If you saturate the color by 10%, you get **725E5E**, and if you desaturate by 10%, it is **727474**.

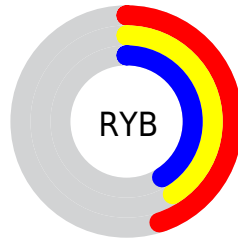
# Distribution



Red (45%)

Green (41%)

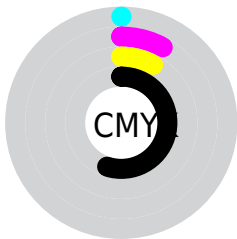
Blue (41%)



Red (45%)

Yellow (41%)

Blue (41%)

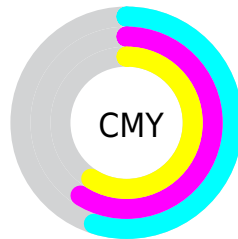


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726969 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 726969 by changing the saturation by 10% instead.



■ 726969

■ 726969

FFFFFF

■ 595151

■ A69C9C

■ 423A3A

■ C1B7B7

■ 2C2424

■ DDD3D3

■ 180F0F

■ F9EFEF

■ 000000

■ 726969

■ 726969

■ 725E5E

■ 727474

■ 725252

■ 728080

■ 724747

■ 728B8B

 723B3B

 729797

 723030

 72A2A2

 722525

 72ADAD

 721919

 72B9B9

 720E0E

 72C4C4

 720202

 72D0D0

# Harmonies

## Analogous

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



71696C



726969



716A66

# Triad

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



726969



686C67



676C71

# Complementary

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



726969



697272

# 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.



646C70



726969



656D6A

# Square

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



726969



6B6B65



646D6D



6A6B71

# Rectangle

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



726969



706A65



646D6D



666C71



# Sweetspot

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



726969



949191



726972



4A4848



C9C9C9



4A4A4A



# Same Dimension

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



726969



948787



726E69



383232



780000



F70000



# Inverse Universe

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



697272



879494



696E72



323838



007878



00F7F7



# Previews

## White Background



This preview shows how the Hex color 726969 looks on a white background.

## Color Contrast Check

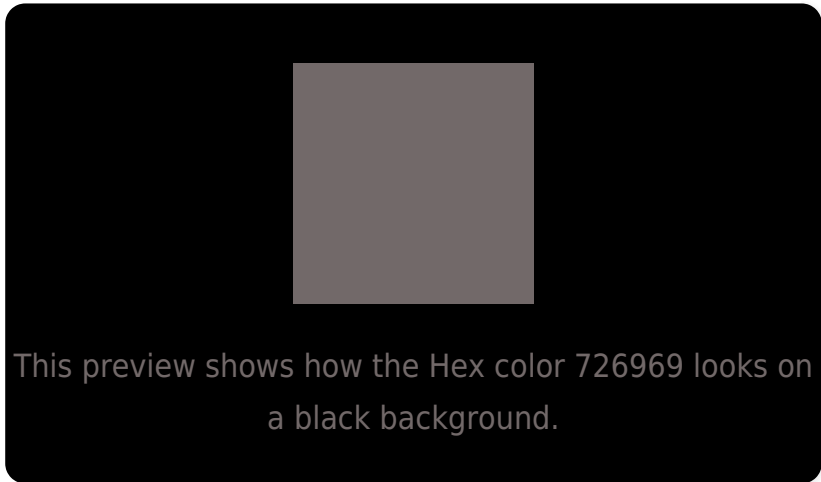
Large Text (above 18pt) WCAG AA ✓ Pass

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

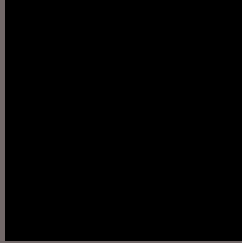
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726969 Background



This preview shows how black text looks on a background with the Hex color 726969.

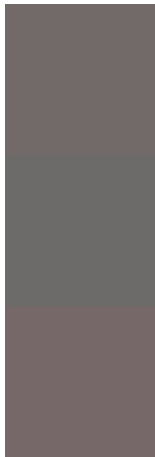


This preview shows how white text looks on a background with the Hex color 726969.

# 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**  
726969

**Protanopia**  
6D6B6A

**Deuteranopia**  
766869



**Tritanopia**  
736870

# Trichromacy



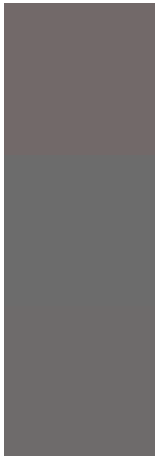
**Original Color**  
726969

**Protanomaly**  
6F6A6A

**Deuteranomaly**  
756869

**Tritanomaly**  
73686D

# Monochromacy



**Original Color**  
726969

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6E6B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726969 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 #726969 looks like.

```
.text, #text, p{  
    color:#726969  
}
```

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 #726969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726969
}
```

## Border

The CSS property to change the border of an element to Hex 726969 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
#726969 }
```

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

```
.border{ border-color:#726969 }
```

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

Here you see how a box with a 4 pixel #726969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726969; -webkit-box-shadow:4px 4px  
4px 4px #726969; box-shadow:4px 4px 4px  
4px #726969 }
```

# Background

The CSS property to change the background color of an element to Hex 726969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726969 }
```

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

```
.background{ background-color:#726969 }
```

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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