

# Converting Colors

Hex(736972)

Have a look what the booklet for  
Hex(736972) contains.

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# Color

**Hex(736972)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736972
RGB	115, 105, 114
RGB Percent	45%, 41%, 45%
CMY	0.5490, 0.5882, 0.5529
CMYK	0.00, 0.09, 0.01, 0.55
HSL	306°, 5%, 43%
HSV	306°, 9%, 45%
XYZ	15.1591, 14.9629, 18.0087
YIQ	109.0160, 3.0710, 4.9190

# Conversions

## Conversions Part 2

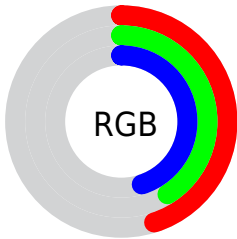
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 105, 114
Decimal	7563634
CIE Lab	45.58, 5.71, -3.61
CIE LCh	46, 6.751, 327.720
Yxy	14.9629, 0.3150, 0.3109
Android (android.graphics.Color)	4285753714 (0xFF736972)
YUV	109.0160, 2.4571, 5.2480
Hunter-Lab	38.6819, 2.2591, -0.5257

# Details

The Hex color **736972** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **69736A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A79CA6**, and **433A42** is the 20% darker color. If you saturate the color by 10%, you get **735E71**, and if you desaturate by 10%, it is **737573**.

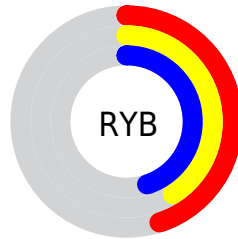
# Distribution



Red (45%)

Green (41%)

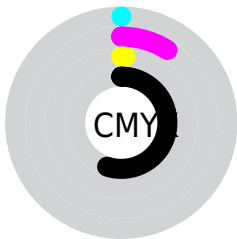
Blue (45%)



Red (45%)

Yellow (41%)

Blue (45%)

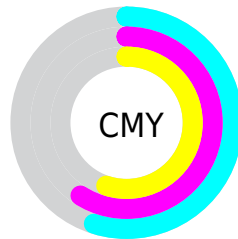


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736972 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 736972 by changing the saturation by 10% instead.



■ 736972

■ 736972

FFFFFF

■ 5A515A

■ A79CA6

■ 433A42

■ C2B7C1

■ 2D242C

■ DED3DD

■ 190F18

■ FBEFF9

■ 000000

■ 736972

■ 736972

■ 735E71

■ 737573

■ 735270

■ 738074

■ 73476F

■ 738B75

733B6D

739777

732F6C

73A378

73246B

73AE79

73186A

73BA7A

730D69

73C57B

730168

73D17C

# Harmonies

## Analogous

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



6D6B76



736972



77686D

# Triad

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



736972



716B61



5E6F71

# Complementary

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



736972



69736A

# 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.



606F6B



736972



6B6D62

# Square

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



736972



766A63



646F66



606E75

# Rectangle

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



736972



786869



646F66



5E6F6F



# Sweetspot

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



736972



969296



6A6973



4D494C



CCCCCC



4D4D4D



# Same Dimension

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



736972



968795



73696D



3B353A



7A006E



FA00E1



# Inverse Universe

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



736972



968795



69736F



3B353A



7A006E



FA00E1



# Previews

## White Background



This preview shows how the Hex color 736972 looks on a white background.

## Color Contrast Check

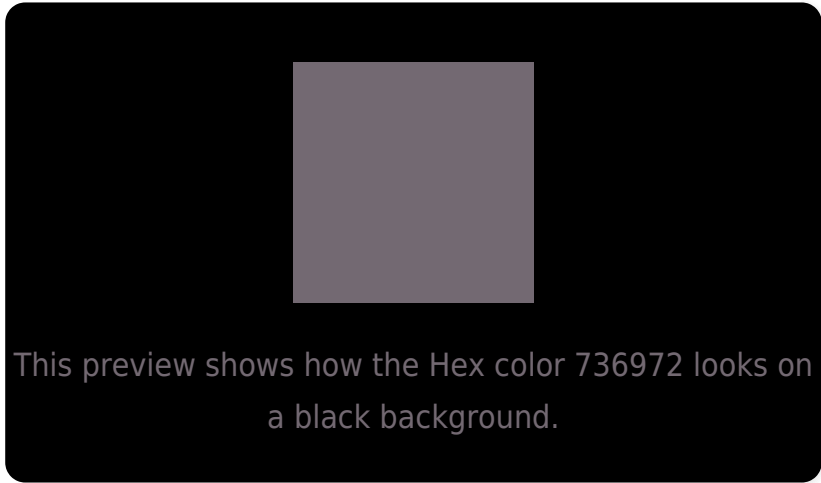
Large Text (above 18pt) WCAG AA ✓ Pass

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

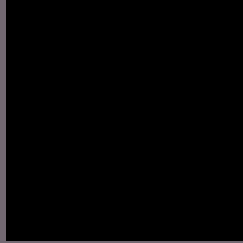
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 736972 Background



This preview shows how black text looks on a background with the Hex color 736972.



This preview shows how white text looks on a background with the Hex color 736972.

# 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](#).

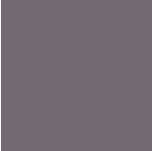
## Dichromacy



**Original Color**  
736972

**Protanopia**  
6C6B73

**Deuteranopia**  
746972



**Tritanopia**  
736971

# Trichromacy



**Original Color**

736972

**Protanomaly**

6F6A73

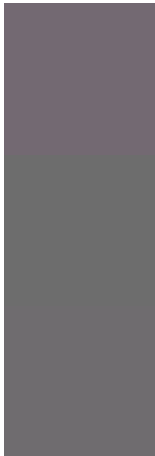
**Deuteranomaly**

746972

**Tritanomaly**

736971

# Monochromacy



**Original Color**

736972

**Achromatopsia**

6D6D6D

**Achromatomaly**

6F6C6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736972 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 #736972 looks like.

```
.text, #text, p{  
    color:#736972  
}
```

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 #736972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736972
}
```

## Border

The CSS property to change the border of an element to Hex 736972 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
#736972 }
```

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

```
.border{ border-color:#736972 }
```

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

Here you see how a box with a 4 pixel #736972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736972; -webkit-box-shadow:4px 4px  
4px 4px #736972; box-shadow:4px 4px 4px  
4px #736972 }
```

# Background

The CSS property to change the background color of an element to Hex 736972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736972 }
```

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

```
.background{ background-color:#736972 }
```

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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