

# Converting Colors

Hex(72777A)

Have a look what the booklet for  
Hex(72777A) contains.

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# Color

Hex(72777A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72777A
RGB	114, 119, 122
RGB Percent	45%, 47%, 48%
CMY	0.5529, 0.5333, 0.5216
CMYK	0.07, 0.02, 0.00, 0.52
HSL	203°, 3%, 46%
HSV	203°, 7%, 48%
XYZ	17.0491, 18.1762, 21.0221
YIQ	117.8470, -3.9430, -0.1270

# Conversions

## Conversions Part 2

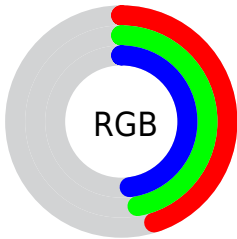
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 117, 122
Decimal	7501690
CIE Lab	49.71, -1.25, -2.30
CIE LCh	50, 2.618, 241.598
Yxy	18.1762, 0.3031, 0.3231
Android (android.graphics.Color)	4285691770 (0xFF72777A)
YUV	117.8470, 2.0474, -3.3738
Hunter-Lab	42.6336, -3.2268, 0.6083

# Details

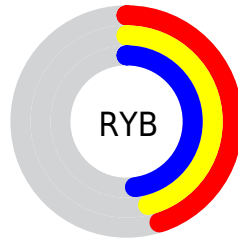
The Hex color **72777A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7572**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A6ABAE**, and **424749** is the 20% darker color. If you saturate the color by 10%, you get **66727A**, and if you desaturate by 10%, it is **7E7C7A**.

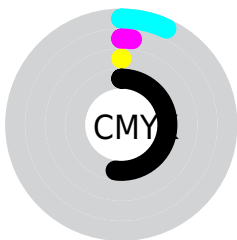
# Distribution



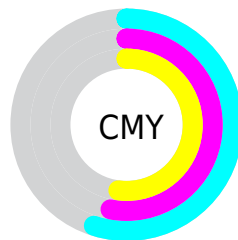
- Red (45%)
- Green (47%)
- Blue (48%)



- Red (45%)
- Yellow (46%)
- Blue (48%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72777A 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 72777A by changing the saturation by 10% instead.



■ 72777A

■ 72777A

FFFFFF

■ 595E61

■ A6ABAE

■ 424749

■ C1C6CA

■ 2C3033

■ DDE2E6

■ 171C1E

■ F9FFFF

■ 000004

■ 000000

■ 72777A

■ 72777A

■ 66727A

■ 7E7C7A

■ 5A6E7A

■ 8A807A

■ 4D697A

■ 97857A

■ 41657A

■ A3897A

■ 35607A

■ AF8E7A

■ 295C7A

■ BB927A

■ 1D577A

■ C7977A

■ 10527A

■ D49C7A

■ 044E7A

■ E0A07A

# Harmonies

## Analogous

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



717778



72777A



74767B

# Triad

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



72777A



7B7576



757772

# Complementary

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



72777A



7A7572

# 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.



787672



72777A



7B7574

# Square

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



72777A



797578



7A7572



737774

# Rectangle

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



72777A



76767A



7A7572



767772



# Sweetspot

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



72777A



9B9D9E



727A75



4D4E4F



CFCFCF



4F4F4F



# Same Dimension

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



72777A



91999E



72737A



373B3D



004E7D



009EFC



# Inverse Universe

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



7A7277



9E9199



7A7972



3D373B



7D004E



FC009E



# Previews

## White Background



This preview shows how the Hex color 72777A looks on a white background.

## Color Contrast Check

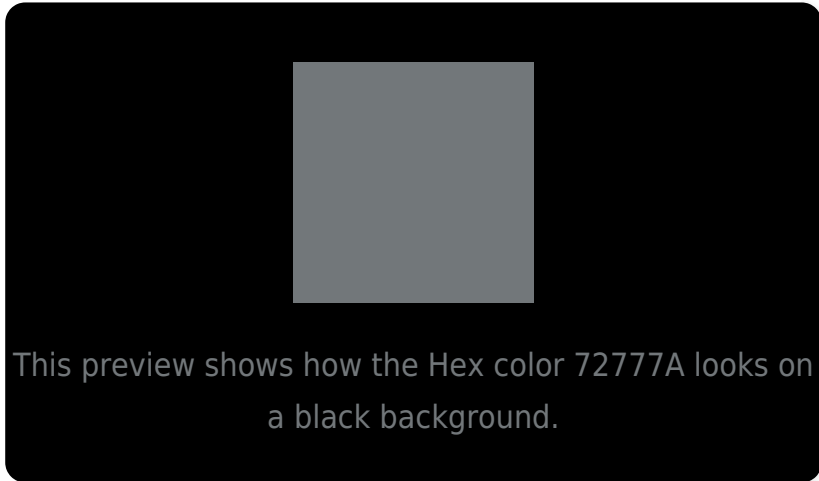
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

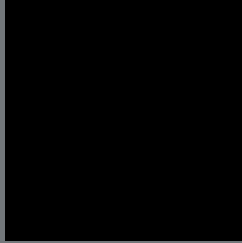
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

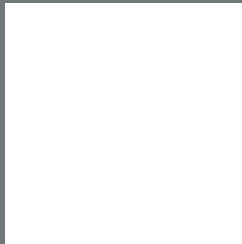
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72777A Background



This preview shows how black text looks on a background with the Hex color 72777A.



This preview shows how white text looks on a background with the Hex color 72777A.

# 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**  
72777A

**Protanopia**  
777579

**Deuteranopia**  
7F737B



**Tritanopia**  
73767F

# Trichromacy



**Original Color**

72777A

**Protanomaly**

757679

**Deuteranomaly**

7A747B

**Tritanomaly**

73767D

# Monochromacy



**Original Color**

72777A

**Achromatopsia**

767676

**Achromatomaly**

757677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72777A 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 #72777A looks like.

```
.text, #text, p{  
    color:#72777A  
}
```

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 #72777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72777A
}
```

## Border

The CSS property to change the border of an element to Hex 72777A 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
#72777A }
```

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

```
.border{ border-color:#72777A }
```

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

Here you see how a box with a 4 pixel #72777A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72777A; -webkit-box-shadow:4px 4px  
4px 4px #72777A; box-shadow:4px 4px 4px  
4px #72777A }
```

# Background

The CSS property to change the background color of an element to Hex 72777A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72777A }
```

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

```
.background{ background-color:#72777A }
```

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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