

# Converting Colors

Hex(72608E)

Have a look what the booklet for  
Hex(72608E) contains.

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# Color

**Hex(72608E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72608E
RGB	114, 96, 142
RGB Percent	45%, 38%, 56%
CMY	0.5529, 0.6235, 0.4431
CMYK	0.20, 0.32, 0.00, 0.44
HSL	263°, 19%, 47%
HSV	263°, 32%, 56%
XYZ	16.0048, 13.8961, 27.4299
YIQ	106.6260, -4.0380, 18.1220

# Conversions

## Conversions Part 2

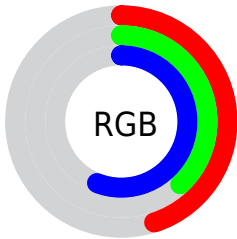
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 96, 142
Decimal	7495822
CIELab	44.08, 17.12, -22.72
CIELCh	44, 28.451, 307.003
Yxy	13.8961, 0.2792, 0.2424
Android (android.graphics.Color)	4285685902 (0xFF72608E)
YUV	106.6260, 17.4394, 6.4670
Hunter-Lab	37.2775, 11.4018, -17.5330

# Details

The Hex color **72608E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C8E60**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A793C4**, and **41325C** is the 20% darker color. If you saturate the color by 10%, you get **69528E**, and if you desaturate by 10%, it is **7B6E8E**.

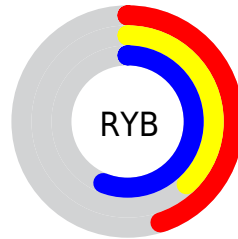
# Distribution



Red (45%)

Green (38%)

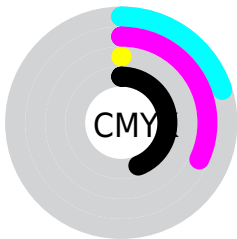
Blue (56%)



Red (45%)

Yellow (38%)

Blue (56%)

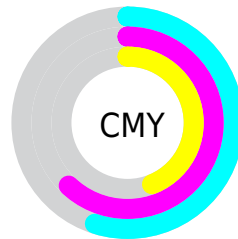


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (62%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72608E 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 72608E by changing the saturation by 10% instead.



■ 72608E

■ 72608E

FFFFFF

■ 594874

■ A793C4

■ 41325C

■ C2ADE0

■ 2A1C44

■ DEC9FD

■ 15042D

■ FBE5FF

■ 000118

■ 000000

■ 72608E

■ 72608E

■ 69528E

■ 7B6E8E

■ 61448E

■ 837C8E

■ 58358E

■ 8C8B8E

■ 4F278E

■ 95998E

■ 47198E

■ 9DA78E

■ 3E0B8E

■ A6B58E

■ 38008E

■ AFC38E

■ B7D28E

■ C0E08E

# Harmonies

## Analogous

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



4E6997



72608E



8A587B

# Triad

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



72608E



87603D



12756D

# Complementary

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



72608E



7C8E60

# 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.



3B7355



72608E



726939

# Square

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



72608E



93594D



596F42



007484

# Rectangle

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



72608E



93566C



596F42



227565



# Sweetspot

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



72608E



ACA5B8



607C8E



55515C



DBDBDB



5C5C5C



# Same Dimension

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



72608E



8C70B8



89608E



434047



350087



030008



# Inverse Universe

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



8E607C



B8709C



658E60



474045



870052

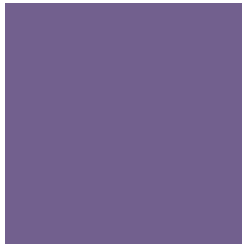


080005



# Previews

## White Background



This preview shows how the Hex color 72608E looks on a white background.

## Color Contrast Check

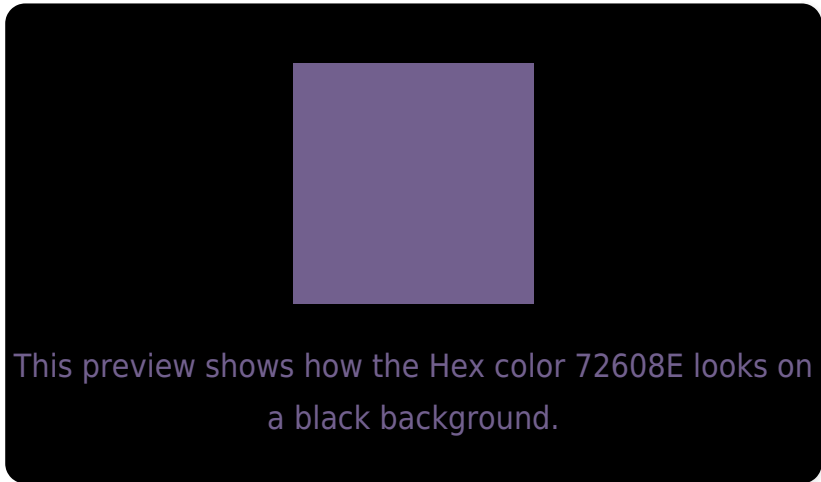
Large Text (above 18pt) WCAG AA ✓ Pass

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

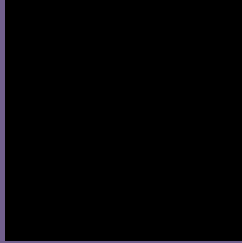
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 72608E Background



This preview shows how black text looks on a background with the Hex color 72608E.

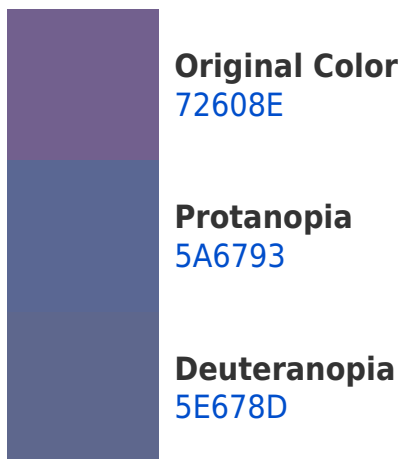



This preview shows how white text looks on a background with the Hex color 72608E.

# 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





**Tritanopia**  
6C666E

# Trichromacy



**Original Color**  
72608E

**Protanomaly**  
636491

**Deuteranomaly**  
65648D

**Tritanomaly**  
6E647A

# Monochromacy



**Original Color**  
72608E

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72608E 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 #72608E looks like.

```
.text, #text, p{  
    color:#72608E  
}
```

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 #72608E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72608E
}
```

## Border

The CSS property to change the border of an element to Hex 72608E 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
#72608E }
```

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

```
.border{ border-color:#72608E }
```

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

Here you see how a box with a 4 pixel #72608E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72608E; -webkit-box-shadow:4px 4px  
4px 4px #72608E; box-shadow:4px 4px 4px  
4px #72608E }
```

# Background

The CSS property to change the background color of an element to Hex 72608E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72608E }
```

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

```
.background{ background-color:#72608E }
```

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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