

# Converting Colors

Hex(72638F)

Have a look what the booklet for  
Hex(72638F) contains.

<b>Hex(72638F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(72638F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72638F
RGB	114, 99, 143
RGB Percent	45%, 39%, 56%
CMY	0.5529, 0.6118, 0.4392
CMYK	0.20, 0.31, 0.00, 0.44
HSL	260°, 18%, 47%
HSV	260°, 31%, 56%
XYZ	16.3592, 14.4843, 27.9201
YIQ	108.5010, -5.1840, 16.8640

# Conversions

## Conversions Part 2

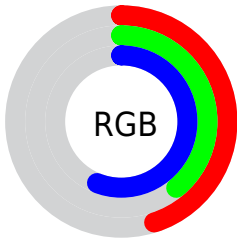
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 99, 143
Decimal	7496591
CIE Lab	44.92, 15.54, -22.03
CIE LCh	45, 26.960, 305.208
Yxy	14.4843, 0.2784, 0.2465
Android (android.graphics.Color)	4285686671 (0xFF72638F)
YUV	108.5010, 17.0080, 4.8226
Hunter-Lab	38.0582, 10.1258, -16.8554

# Details

The Hex color **72638F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808F63**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A696C5**, and **41345C** is the 20% darker color. If you saturate the color by 10%, you get **69558F**, and if you desaturate by 10%, it is **7B718F**.

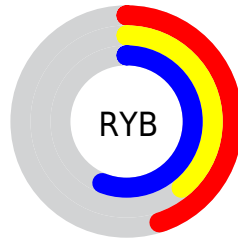
# Distribution



Red (45%)

Green (39%)

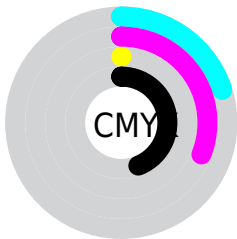
Blue (56%)



Red (45%)

Yellow (39%)

Blue (56%)

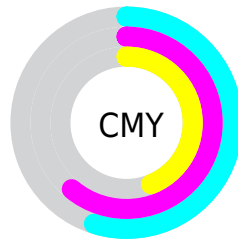


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (61%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72638F 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 72638F by changing the saturation by 10% instead.



■ 72638F

■ 72638F

FFFFFF

■ 594B75

■ A696C5

■ 41345C

■ C2B1E1

■ 2A1F45

■ DECCFE

■ 15092E

■ FBE8FF

■ 000119

■ 000000

■ 72638F

■ 72638F

■ 69558F

■ 7B718F

■ 5F468F

■ 85808F

■ 56388F

■ 8E8E8F

■ 4C2A8F

■ 989C8F

■ 431B8F

■ A1AB8F

■ 390D8F

■ ABB98F

■ 31008F

■ B4C78F

■ BDD58F

■ C7E48F

# Harmonies

## Analogous

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



506B97



72638F



8A5C7E

# Triad

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



72638F



886242



22766E

# Complementary

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



72638F



808F63

# 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.



427557



72638F



756A3D

# Square

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



72638F



945C51



5D7145



057583

# Rectangle

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



72638F



93596F



5D7145



2D7666



# Sweetspot

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



72638F



AFA9BA



63808F



58545E



DEDEDE



5E5E5E



# Same Dimension

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



72638F



8D75BA



88638F



434047



2E0087



030008



# Inverse Universe

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



8F6380



BA75A3



6A8F63



474045



870059



080005



# Previews

## White Background



This preview shows how the Hex color 72638F looks on a white background.

## Color Contrast Check

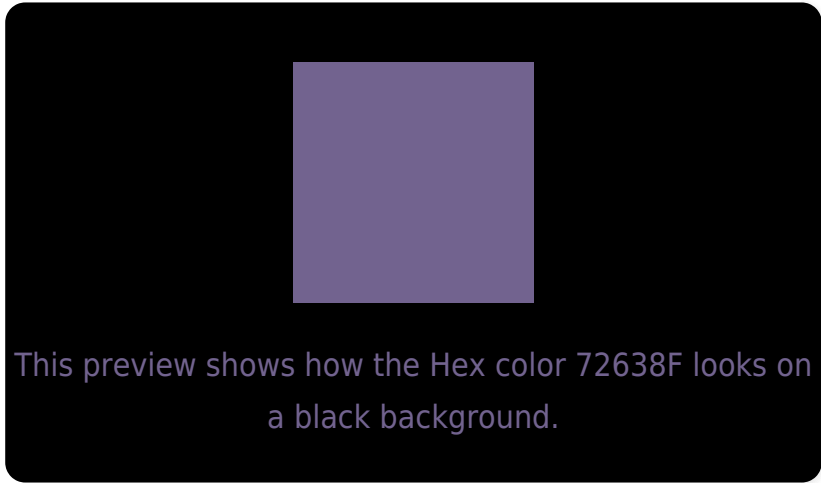
Large Text (above 18pt) WCAG AA ✓ Pass

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

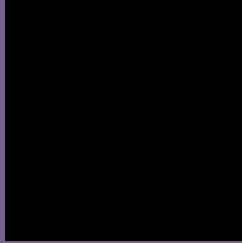
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 72638F Background



This preview shows how black text looks on a background with the Hex color 72638F.



This preview shows how white text looks on a background with the Hex color 72638F.

# 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**  
72638F

**Protanopia**  
5E6994

**Deuteranopia**  
61698E



**Tritanopia**  
6D6971

# Trichromacy



**Original Color**  
72638F

**Protanomaly**  
656792

**Deuteranomaly**  
67678E

**Tritanomaly**  
6F677C

# Monochromacy



**Original Color**  
72638F

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6F6979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72638F 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 #72638F looks like.

```
.text, #text, p{  
    color:#72638F  
}
```

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 #72638F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72638F
}
```

## Border

The CSS property to change the border of an element to Hex 72638F is called "border". The border property can be set on classes, ids or directly on the HTML element.

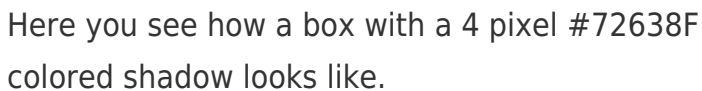
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72638F }
```

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

```
.border{ border-color:#72638F }
```

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



Here you see how a box with a 4 pixel #72638F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72638F; -webkit-box-shadow:4px 4px  
4px 4px #72638F; box-shadow:4px 4px 4px  
4px #72638F }
```

# Background

The CSS property to change the background color of an element to Hex 72638F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72638F }
```

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

```
.background{ background-color:#72638F }
```

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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