

Converting Colors

Hex(72638D)

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

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

Color

Hex(72638D)

Conversions

Conversions Part 1

Format	Color
Hex	72638D
RGB	114, 99, 141
RGB Percent	45%, 39%, 55%
CMY	0.5529, 0.6118, 0.4471
CMYK	0.19, 0.30, 0.00, 0.45
HSL	261°, 18%, 47%
HSV	261°, 30%, 55%
XYZ	16.2090, 14.4242, 27.1291
YIQ	108.2730, -4.5420, 16.2420

Conversions

Conversions Part 2

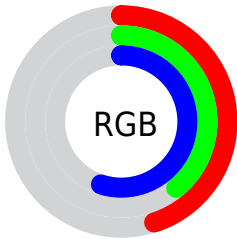
Format	Color
RYB	114, 99, 141
Decimal	7496589
CIELab	44.84, 15.05, -20.96
CIELCh	45, 25.807, 305.683
Yxy	14.4242, 0.2806, 0.2497
Android (android.graphics.Color)	4285686669 (0xFF72638D)
YUV	108.2730, 16.1344, 5.0226
Hunter-Lab	37.9792, 9.7178, -15.7664

Details

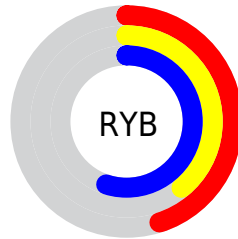
The Hex color **72638D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E8D63**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A696C3**, and **41345B** is the 20% darker color. If you saturate the color by 10%, you get **69558D**, and if you desaturate by 10%, it is **7B718D**.

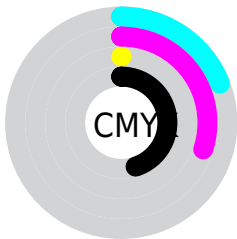
Distribution



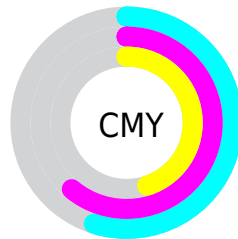
- Red (45%)
- Green (39%)
- Blue (55%)



- Red (45%)
- Yellow (39%)
- Blue (55%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

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

■ 72638D

■ 72638D

FFFFFF

■ 594B73

■ A696C3

■ 41345B

■ C2B1DF

■ 2A1F43

■ DECCFB

■ 15092D

■ FBE8FF

■ 000118

■ 000000

■ 72638D

■ 72638D

■ 69558D

■ 7B718D

■ 60478D

■ 847F8D

■ 57398D

■ 8D8D8D

■ 4E2B8D

■ 969B8D

■ 451D8D

■ 9FAA8D

■ 3C0E8D

■ A8B88D

■ 33008D

■ B1C68D

■ 32008D

■ BBD48D

■ C4E28D

Harmonies

Analogous

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



526B95



72638D



895C7C

Triad

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



72638D



876343



27766E

Complementary

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



72638D



7E8D63

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.



437458



72638D



746A3F

Square

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



72638D



925C52



5D7046



147582

Rectangle

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



72638D



915A6E



5D7046



307566

Sweetspot

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



72638D



ADA7B8



637E8D



55525C



DBDBDB



5C5C5C

Same Dimension

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



72638D



8D76B8



87638D



434047



300087



030008

Inverse Universe

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



8D637E



B876A0



698D63



474045



870057



080005

Previews

White Background



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

Color Contrast Check

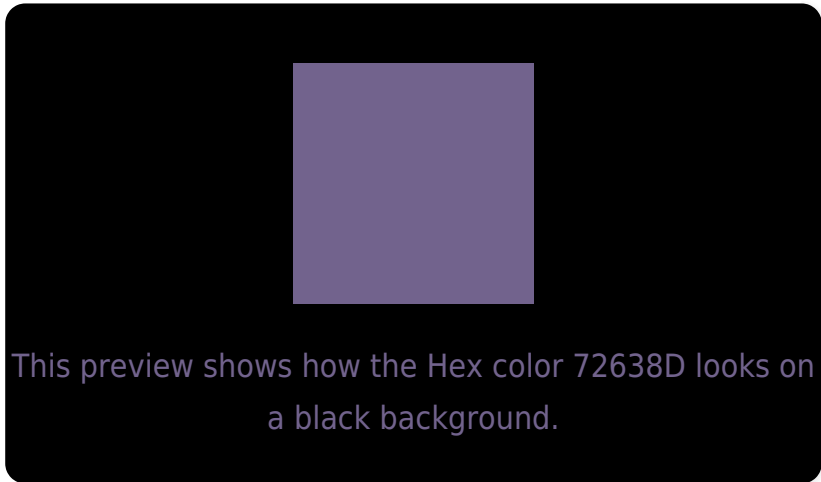
Large Text (above 18pt) WCAG AA ✓ Pass

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

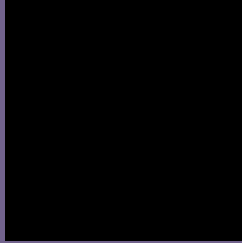
Any Text WCAG AA × Fail

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 72638D Background



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

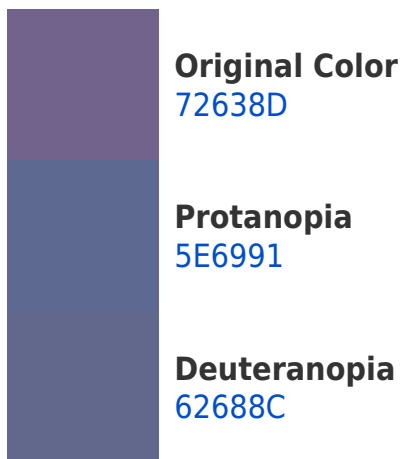



This preview shows how white text looks on a background with the Hex color 72638D.

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
6D6871

Trichromacy



Original Color
72638D

Protanomaly
656790

Deuteranomaly
68668C

Tritanomaly
6F667B

Monochromacy



Original Color
72638D

Achromatopsia
6C6C6C

Achromatomaly
6E6978

CSS Examples

Text

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

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

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 #72638D colored shadow looks like.

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

Border

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

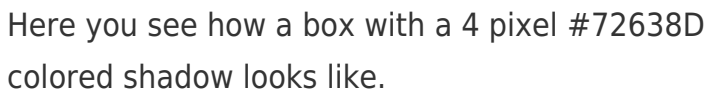
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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