

Converting Colors

Hex(68618E)

Have a look what the booklet for
Hex(68618E) contains.

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Color

Hex(68618E)

Conversions

Conversions Part 1

Format	Color
Hex	68618E
RGB	104, 97, 142
RGB Percent	41%, 38%, 56%
CMY	0.5922, 0.6196, 0.4431
CMYK	0.27, 0.32, 0.00, 0.44
HSL	249°, 19%, 47%
HSV	249°, 32%, 56%
XYZ	14.8661, 13.4454, 27.4029
YIQ	104.2230, -10.2730, 15.4790

Conversions

Conversions Part 2

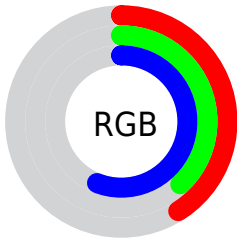
Format	Color
R_{YB}	104, 97, 142
Decimal	6840718
CIE _{Lab}	43.43, 13.24, -23.81
CIE _{LCh}	43, 27.248, 299.083
Yxy	13.4454, 0.2668, 0.2413
Android (android.graphics.Color)	4285030798 (0xFF68618E)
YUV	104.2230, 18.6241, -0.1956
Hunter-Lab	36.6680, 8.1992, -18.6412

Details

The Hex color **68618E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **878E61**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9C94C4**, and **37335C** is the 20% darker color. If you saturate the color by 10%, you get **5C538E**, and if you desaturate by 10%, it is **746F8E**.

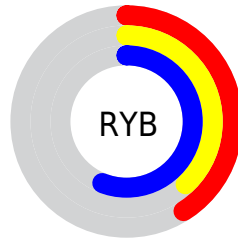
Distribution



Red (41%)

Green (38%)

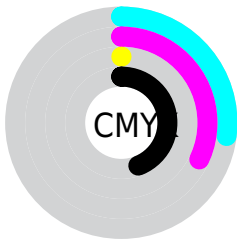
Blue (56%)



Red (41%)

Yellow (38%)

Blue (56%)

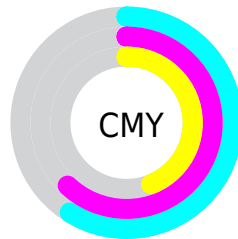


Cyan (27%)

Magenta (32%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68618E 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 68618E by changing the saturation by 10% instead.

■ 68618E

■ 68618E

FFFFFF

■ 4F4974

■ 9C94C4

■ 37335C

■ B7AEE0

■ 201E44

■ D3CAFD

■ 0C052D

■ F0E6FF

■ 000118

■ 000000

■ 68618E

■ 68618E

■ 5C538E

■ 746F8E

■ 50458E

■ 807D8E

44368E

8C8C8E

38288E

989A8E

2C1A8E

A4A88E

200C8E

B0B68E

16008E

BCC48E

C8D38E

D4E18E

Harmonies

Analogous

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



446993



68618E



82597E

Triad

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



68618E



885D41



237265

Complementary

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



68618E



878E61

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.



44704F



68618E



766539

Square

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



68618E



925752



5F6C3E



00727C

Rectangle

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



68618E



8D5670



5F6C3E



2F725D

Sweetspot

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



68618E



A8A5B8



61878E



52515C



DBDBDB



5C5C5C

Same Dimension

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



68618E



7D72B8



7E618E



414047



150087



010008

Inverse Universe

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



8E6187



B872AD



718E61



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 68618E looks on a white background.

Color Contrast Check

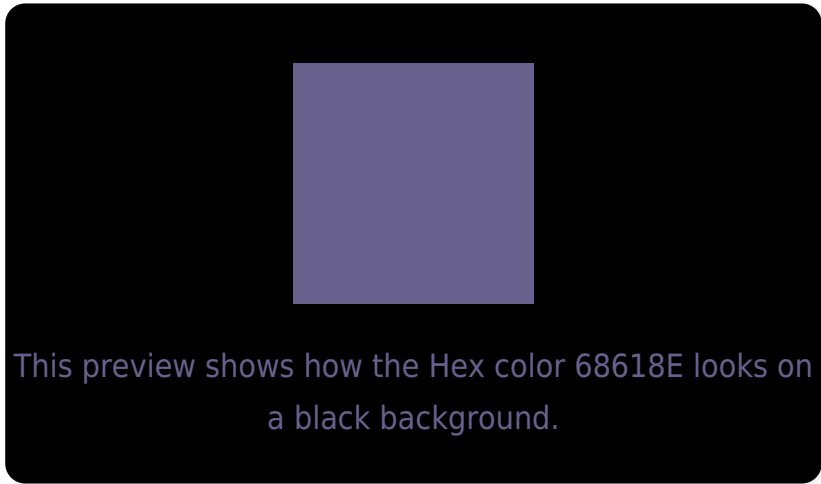
Large Text (above 18pt) WCAG AA ✓ Pass

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

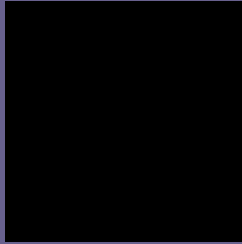
Any Text WCAG AA × Fail

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 68618E Background



This preview shows how black text looks on a background with the Hex color 68618E.



This preview shows how white text looks on a background with the Hex color 68618E.

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
68618E

Protanopia
596591

Deuteranopia
5A658D



Tritanopia
62676F

Trichromacy



Original Color
68618E

Protanomaly
5E6490

Deuteranomaly
5F648D

Tritanomaly
64657A

Monochromacy



Original Color
68618E

Achromatopsia
686868

Achromatomaly
686576

CSS Examples

Text

The CSS property to change the color of the text to Hex 68618E 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 #68618E looks like.

```
.text, #text, p{  
    color:#68618E  
}
```

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 #68618E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68618E
}
```

Border

The CSS property to change the border of an element to Hex 68618E is called "border". The border property can be set on classes, ids or directly on the HTML element.

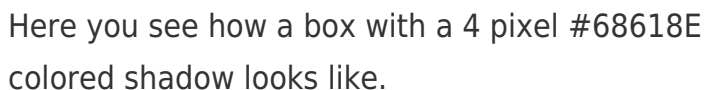
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68618E }
```

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

```
.border{ border-color:#68618E }
```

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



Here you see how a box with a 4 pixel #68618E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68618E; -webkit-box-shadow:4px 4px  
4px 4px #68618E; box-shadow:4px 4px 4px  
4px #68618E }
```

Background

The CSS property to change the background color of an element to Hex 68618E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68618E }
```

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

```
.background{ background-color:#68618E }
```

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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