

Converting Colors

Hex(4D618A)

Have a look what the booklet for
Hex(4D618A) contains.

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Color

Hex(4D618A)

Conversions

Conversions Part 1

Format	Color
Hex	4D618A
RGB	77, 97, 138
RGB Percent	30%, 38%, 54%
CMY	0.6980, 0.6196, 0.4588
CMYK	0.44, 0.30, 0.00, 0.46
HSL	220°, 28%, 42%
HSV	220°, 44%, 54%
XYZ	11.9227, 11.9621, 25.7253
YIQ	95.6940, -25.0810, 8.5110

Conversions

Conversions Part 2

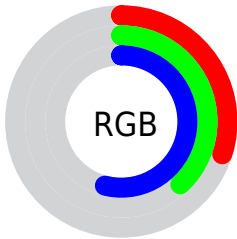
Format	Color
R_{YB}	77, 92, 138
Decimal	5071242
CIE _{Lab}	41.16, 3.93, -25.10
CIE _{LCh}	41, 25.403, 278.903
Yxy	11.9621, 0.2403, 0.2411
Android (android.graphics.Color)	4283261322 (0xFF4D618A)
YUV	95.6940, 20.8569, -16.3946
Hunter-Lab	34.5863, 1.0070, -19.8894

Details

The Hex color **4D618A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A764D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8193C0**, and **1A3358** is the 20% darker color. If you saturate the color by 10%, you get **3F588A**, and if you desaturate by 10%, it is **5B6A8A**.

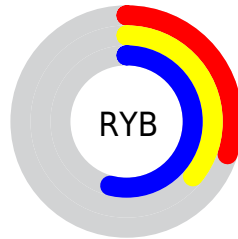
Distribution



Red (30%)

Green (38%)

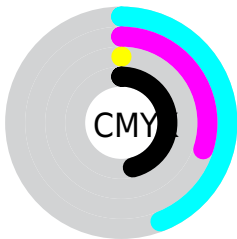
Blue (54%)



Red (30%)

Yellow (36%)

Blue (54%)

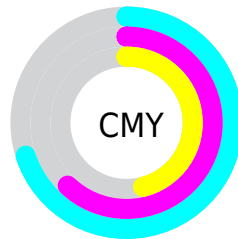


Cyan (44%)

Magenta (30%)

Yellow (0%)

Black (46%)



Cyan (70%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D618A 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 4D618A by changing the saturation by 10% instead.

■ 4D618A

■ 4D618A

FFFFFF

■ 344970

■ 8193C0

■ 1A3358

■ 9BAEDC

■ 001E40

■ B7C9F8

■ 00042A

■ D3E5FF

■ 000115

■ F0FFFF

■ 000000

■ 4D618A

■ 4D618A

■ 3F588A

■ 5B6A8A

■ 314E8A

■ 69748A

■ 24458A

■ 767D8A

■ 163C8A

■ 84868A

■ 08338A

■ 928F8A

■ 002D8A

■ A0998A

■ AEA28A

■ BBAB8A

■ C9B48A

Harmonies

Analogous

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



286787



4D618A



6B5982

Triad

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



4D618A



875448



386B51

Complementary

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



4D618A



8A764D

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.



526840



4D618A



7B5B3A

Square

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



4D618A



89515C



696237



196C67

Rectangle

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



4D618A



7B5577



696237



416A4B

Sweetspot

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



4D618A



9BA3B3



4D8A76



4B5059



D9D9D9



595959

Same Dimension

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



4D618A



5473B3



574D8A



3E4045



002B85



000205

Inverse Universe

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



8A4D61



B35473



808A4D



453E40



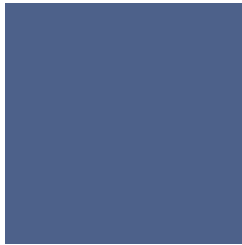
85002B



050002

Previews

White Background



This preview shows how the Hex color 4D618A looks on a white background.

Color Contrast Check

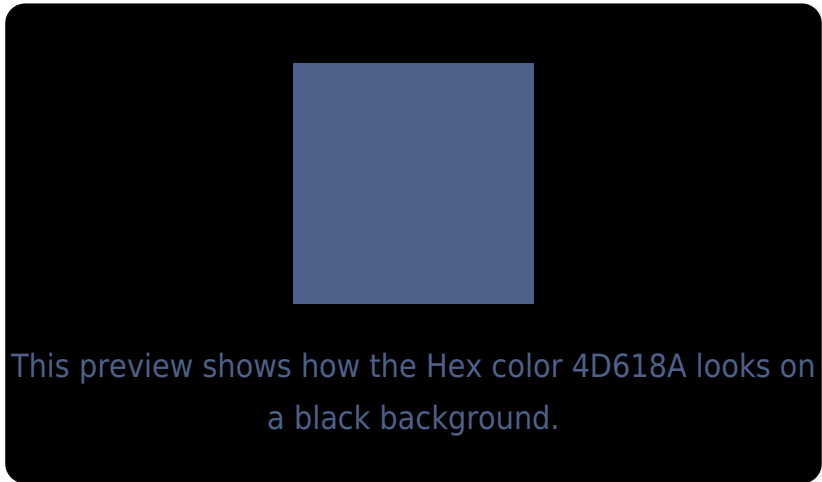
Large Text (above 18pt) WCAG AA ✓ Pass

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

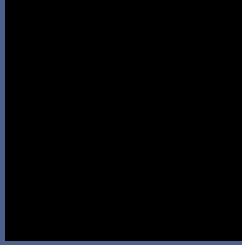
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

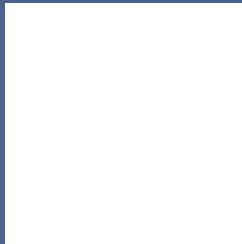
Any Text WCAG AAA × Fail

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

Hex 4D618A Background



This preview shows how black text looks on a background with the Hex color 4D618A.



This preview shows how white text looks on a background with the Hex color 4D618A.

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
4D618A

Protanopia
545F89

Deuteranopia
51608A



Tritanopia
45666F

Trichromacy



Original Color
4D618A

Protanomaly
516089

Deuteranomaly
50608A

Tritanomaly
486479

Monochromacy



Original Color
4D618A

Achromatopsia
606060

Achromatomaly
59606F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D618A 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 #4D618A looks like.

```
.text, #text, p{  
    color:#4D618A  
}
```

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 #4D618A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D618A
}
```

Border

The CSS property to change the border of an element to Hex 4D618A 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
#4D618A }
```

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

```
.border{ border-color:#4D618A }
```

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

Here you see how a box with a 4 pixel #4D618A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D618A; -webkit-box-shadow:4px 4px  
4px 4px #4D618A; box-shadow:4px 4px 4px  
4px #4D618A }
```

Background

The CSS property to change the background color of an element to Hex 4D618A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D618A }
```

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

```
.background{ background-color:#4D618A }
```

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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