

Converting Colors

Hex(42617C)

Have a look what the booklet for
Hex(42617C) contains.

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Color

Hex(42617C)

Conversions

Conversions Part 1

Format	Color
Hex	42617C
RGB	66, 97, 124
RGB Percent	26%, 38%, 49%
CMY	0.7412, 0.6196, 0.5137
CMYK	0.47, 0.22, 0.00, 0.51
HSL	208°, 31%, 37%
HSV	208°, 47%, 49%
XYZ	10.1596, 11.1629, 20.6880
YIQ	90.8090, -27.1430, 1.8250

Conversions

Conversions Part 2

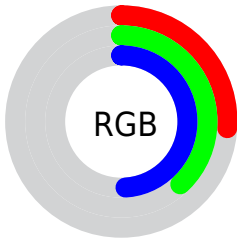
Format	Color
R _{YB}	66, 86, 124
Decimal	4350332
CIE Lab	39.85, -3.46, -18.68
CIE LCh	40, 18.996, 259.517
Yxy	11.1629, 0.2418, 0.2657
Android (android.graphics.Color)	4282540412 (0xFF42617C)
YUV	90.8090, 16.3632, -21.7575
Hunter-Lab	33.4109, -4.1909, -13.3246

Details

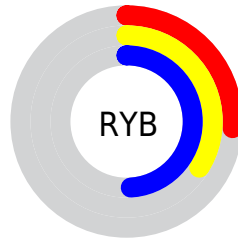
The Hex color **42617C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C5D42**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7593B1**, and **0D334B** is the 20% darker color. If you saturate the color by 10%, you get **365B7C**, and if you desaturate by 10%, it is **4E677C**.

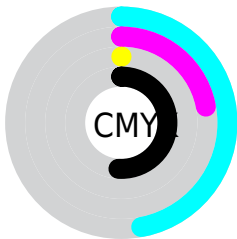
Distribution



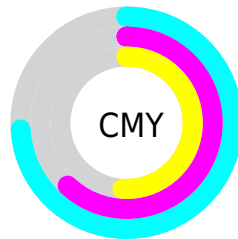
- Red (26%)
- Green (38%)
- Blue (49%)



- Red (26%)
- Yellow (34%)
- Blue (49%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (74%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42617C 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 42617C by changing the saturation by 10% instead.

■ 42617C

■ 42617C

FFFFFF

■ 294963

■ 7593B1

■ 0D334B

■ 8FAECC

■ 001E34

■ ABC9E8

■ 00021F

■ C6E5FF

■ 000003

■ E3FFFF

■ 000000

■ 42617C

■ 42617C

■ 365B7C

■ 4E677C

■ 29557C

■ 5B6D7C

■ 1D507C

■ 67727C

■ 104A7C

■ 74787C

■ 04447C

■ 807E7C

■ 00427C

■ 8C847C

■ 99897C

■ A58F7C

■ B2957C

Harmonies

Analogous

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



306575



42617C



595C7B

Triad

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



42617C



7D5354



4D6449

Complementary

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



42617C



7C5D42

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.



5E6040



42617C



795647

Square

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



42617C



795364



6E5B40



3B6658

Rectangle

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



42617C



665876



6E5B40



536346

Sweetspot

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



42617C



8A96A1



427C5C



444B52



D1D1D1



525252

Same Dimension

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



42617C



4777A1



42457C



373A3D



00437D



0087FC

Inverse Universe

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



7C4261



A14777



7C7942



3D373A



7D0043



FC0087

Previews

White Background



This preview shows how the Hex color 42617C looks on a white background.

Color Contrast Check

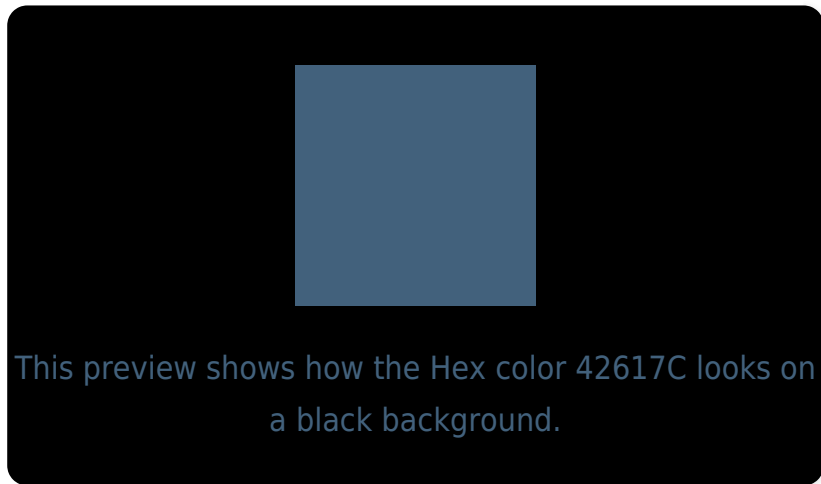
Large Text (above 18pt) WCAG AA ✓ Pass

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

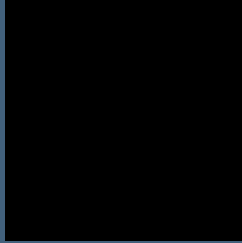
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

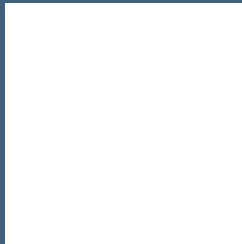
Any Text WCAG AAA × Fail

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

Hex 42617C Background



This preview shows how black text looks on a background with the Hex color 42617C.




This preview shows how white text looks on a background with the Hex color 42617C.

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](#).

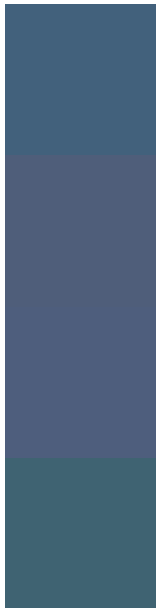
Dichromacy





Tritanopia
3D646C

Trichromacy



Original Color
42617C

Protanomaly
4F5E7A

Deuteranomaly
4E5E7D

Tritanomaly
3F6372

Monochromacy



Original Color
42617C

Achromatopsia
5B5B5B

Achromatomaly
525D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 42617C 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 #42617C looks like.

```
.text, #text, p{  
    color:#42617C  
}
```

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 #42617C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42617C
}
```

Border

The CSS property to change the border of an element to Hex 42617C 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
#42617C }
```

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

```
.border{ border-color:#42617C }
```

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

Here you see how a box with a 4 pixel #42617C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42617C; -webkit-box-shadow:4px 4px  
4px 4px #42617C; box-shadow:4px 4px 4px  
4px #42617C }
```

Background

The CSS property to change the background color of an element to Hex 42617C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42617C }
```

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

```
.background{ background-color:#42617C }
```

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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