

Converting Colors

Hex(42677C)

Have a look what the booklet for
Hex(42677C) contains.

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Color

Hex(42677C)

Conversions

Conversions Part 1

Format	Color
Hex	42677C
RGB	66, 103, 124
RGB Percent	26%, 40%, 49%
CMY	0.7412, 0.5961, 0.5137
CMYK	0.47, 0.17, 0.00, 0.51
HSL	202°, 31%, 37%
HSV	202°, 47%, 49%
XYZ	10.7351, 12.3140, 20.8798
YIQ	94.3310, -28.7930, -1.3130

Conversions

Conversions Part 2

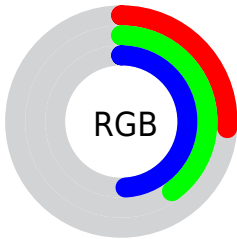
Format	Color
R_{YB}	66, 89, 124
Decimal	4351868
CIE _{Lab}	41.71, -7.06, -15.83
CIE _{LCh}	42, 17.335, 245.955
Yxy	12.3140, 0.2444, 0.2803
Android (android.graphics.Color)	4282541948 (0xFF42677C)
YUV	94.3310, 14.6268, -24.8463
Hunter-Lab	35.0913, -6.8031, -10.7145

Details

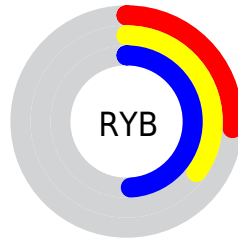
The Hex color **42677C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5742**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **759AB1**, and **0D384B** is the 20% darker color. If you saturate the color by 10%, you get **36637C**, and if you desaturate by 10%, it is **4E6B7C**.

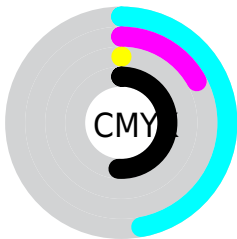
Distribution



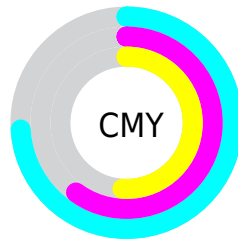
- Red (26%)
- Green (40%)
- Blue (49%)



- Red (26%)
- Yellow (35%)
- Blue (49%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)



- Cyan (74%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42677C 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 42677C by changing the saturation by 10% instead.

■ 42677C

■ 42677C

FFFFFF

■ 294F63

■ 759AB1

■ 0D384B

■ 90B5CC

■ 002334

■ ABD0E8

■ 000D1F

■ C7EDFF

■ 000004

■ E3FFFF

■ 000000

■ 42677C

■ 42677C

■ 36637C

■ 4E6B7C

■ 295E7C

■ 5B707C

■ 1D5A7C

■ 67747C

■ 10557C

■ 74797C

■ 04517C

■ 807D7C

■ 004F7C

■ 8C827C

■ 99867C

■ A58B7C

■ B28F7C

Harmonies

Analogous

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



386A73



42677C



55637F

Triad

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



42677C



7F5860



5A674B

Complementary

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



42677C



7C5742

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.



6A6246



42677C



7E5A52

Square

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



42677C



775A6E



775E49



4A6956

Rectangle

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



42677C



625F7C



775E49



606549

Sweetspot

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



42677C



8A99A1



427C56



444D52



D1D1D1



525252

Same Dimension

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



42677C



4780A1



424B7C



373B3D



00507D



00A1FC

Inverse Universe

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



7C4267



A14780



7C7342



3D373B



7D0050



FC00A1

Previews

White Background



This preview shows how the Hex color 42677C looks on a white background.

Color Contrast Check

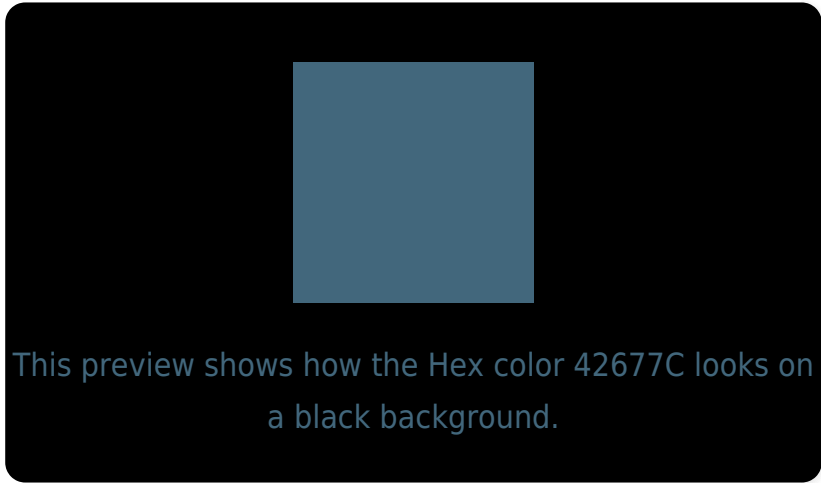
Large Text (above 18pt) WCAG AA ✓ Pass

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

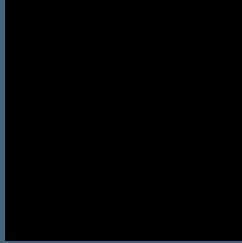
Any Text WCAG AA × Fail

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 42677C Background



This preview shows how black text looks on a background with the Hex color 42677C.




This preview shows how white text looks on a background with the Hex color 42677C.

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
3F6971

Trichromacy



Original Color
42677C

Protanomaly
536379

Deuteranomaly
53637D

Tritanomaly
406875

Monochromacy



Original Color
42677C

Achromatopsia
5E5E5E

Achromatomaly
546169

CSS Examples

Text

The CSS property to change the color of the text to Hex 42677C 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 #42677C looks like.

```
.text, #text, p{  
    color:#42677C  
}
```

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 #42677C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42677C
}
```

Border

The CSS property to change the border of an element to Hex 42677C 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
#42677C }
```

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

```
.border{ border-color:#42677C }
```

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

Here you see how a box with a 4 pixel #42677C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42677C; -webkit-box-shadow:4px 4px  
4px 4px #42677C; box-shadow:4px 4px 4px  
4px #42677C }
```

Background

The CSS property to change the background color of an element to Hex 42677C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42677C }
```

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

```
.background{ background-color:#42677C }
```

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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