

Converting Colors

Hex(41677D)

Have a look what the booklet for
Hex(41677D) contains.

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Color

Hex(41677D)

Conversions

Conversions Part 1

Format	Color
Hex	41677D
RGB	65, 103, 125
RGB Percent	25%, 40%, 49%
CMY	0.7451, 0.5961, 0.5098
CMYK	0.48, 0.18, 0.00, 0.51
HSL	202°, 32%, 37%
HSV	202°, 48%, 49%
XYZ	10.7319, 12.3050, 21.2115
YIQ	94.1460, -29.7100, -1.2140

Conversions

Conversions Part 2

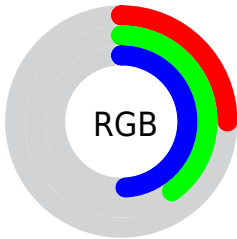
Format	Color
RYB	65, 88, 125
Decimal	4286333
CIELab	41.70, -7.03, -16.46
CIElCh	42, 17.900, 246.886
Yxy	12.3050, 0.2425, 0.2781
Android (android.graphics.Color)	4282476413 (0xFF41677D)
YUV	94.1460, 15.2110, -25.5610
Hunter-Lab	35.0785, -6.7771, -11.2970

Details

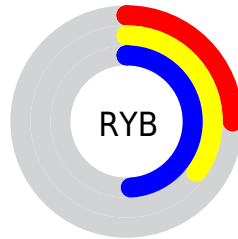
The Hex color **41677D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5741**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **749AB2**, and **0A384C** is the 20% darker color. If you saturate the color by 10%, you get **34627D**, and if you desaturate by 10%, it is **4D6C7D**.

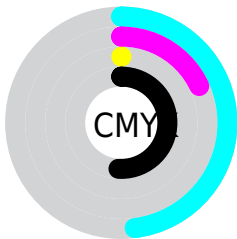
Distribution



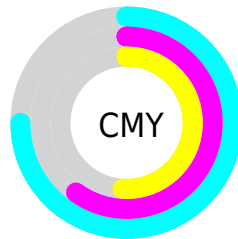
- Red (25%)
- Green (40%)
- Blue (49%)



- Red (25%)
- Yellow (35%)
- Blue (49%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41677D 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 41677D by changing the saturation by 10% instead.

■ 41677D

■ 41677D

FFFFFF

■ 284F64

■ 749AB2

■ 0A384C

■ 8FB5CD

■ 002335

■ AAD0E9

■ 000D20

■ C6EDFF

■ 000005

■ E2FFFF

■ 000000

■ 41677D

■ 41677D

■ 34627D

■ 4D6C7D

■ 285E7D

■ 5A707D

■ 1B597D

■ 66757D

■ 0F557D

■ 73797D

■ 03507D

■ 807E7D

■ 004F7D

■ 8C837D

■ 99877D

■ A58C7D

■ B2907D

Harmonies

Analogous

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



366A73



41677D



55637F

Triad

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



41677D



80585F



59674B

Complementary

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



41677D



7D5741

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.



6A6345



41677D



7F5951

Square

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



41677D



78596E



775E48



496A56

Rectangle

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



41677D



635F7D



775E48



5F6548

Sweetspot

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



41677D



8C9BA3



417D57



444D52



D1D1D1



525252

Same Dimension

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



41677D



4580A3



41497D



393D40



005180



000000

Inverse Universe

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



7D4167



A34580



7D7541



40393D



800051



000000

Previews

White Background



This preview shows how the Hex color 41677D looks on a white background.

Color Contrast Check

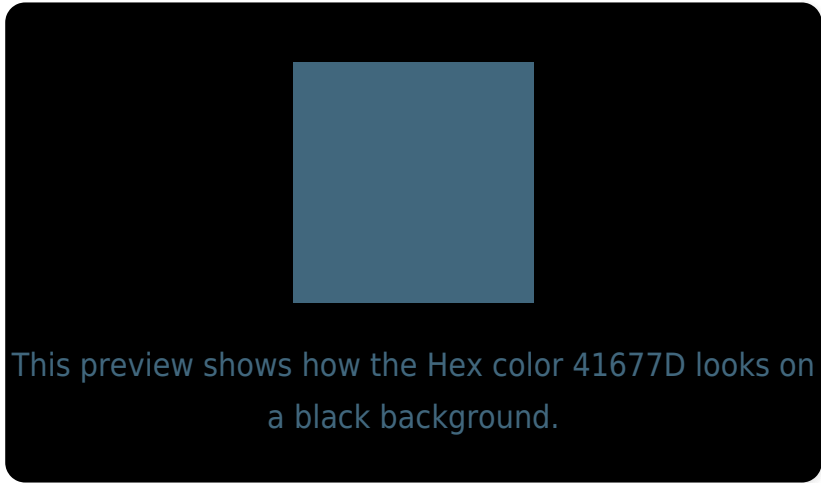
Large Text (above 18pt) WCAG AA ✓ Pass

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

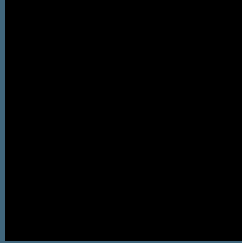
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

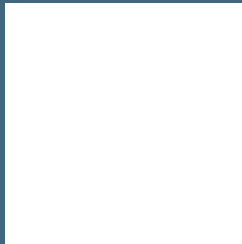
Any Text WCAG AAA × Fail

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

Hex 41677D Background



This preview shows how black text looks on a background with the Hex color 41677D.




This preview shows how white text looks on a background with the Hex color 41677D.

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
3D6971

Trichromacy



Original Color
41677D

Protanomaly
52637A

Deuteranomaly
52637E

Tritanomaly
3E6875

Monochromacy



Original Color
41677D

Achromatopsia
5E5E5E

Achromatomaly
536169

CSS Examples

Text

The CSS property to change the color of the text to Hex 41677D 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 #41677D looks like.

```
.text, #text, p{  
    color:#41677D  
}
```

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 #41677D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41677D
}
```

Border

The CSS property to change the border of an element to Hex 41677D 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
#41677D }
```

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

```
.border{ border-color:#41677D }
```

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

Here you see how a box with a 4 pixel #41677D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41677D; -webkit-box-shadow:4px 4px  
4px 4px #41677D; box-shadow:4px 4px 4px  
4px #41677D }
```

Background

The CSS property to change the background color of an element to Hex 41677D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41677D }
```

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

```
.background{ background-color:#41677D }
```

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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