

Converting Colors

Hex(43647A)

Have a look what the booklet for
Hex(43647A) contains.

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Color

Hex(43647A)

Conversions

Conversions Part 1

Format	Color
Hex	43647A
RGB	67, 100, 122
RGB Percent	26%, 39%, 48%
CMY	0.7373, 0.6078, 0.5216
CMYK	0.45, 0.18, 0.00, 0.52
HSL	204°, 29%, 37%
HSV	204°, 45%, 48%
XYZ	10.3848, 11.7128, 20.1258
YIQ	92.6410, -26.7300, -0.1540

Conversions

Conversions Part 2

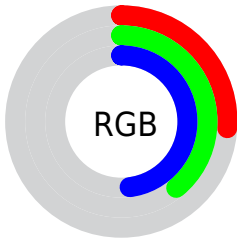
Format	Color
RYB	67, 88, 122
Decimal	4416634
CIELab	40.76, -5.61, -16.07
CIELCh	41, 17.022, 250.772
Yxy	11.7128, 0.2459, 0.2774
Android (android.graphics.Color)	4282606714 (0xFF43647A)
YUV	92.6410, 14.4740, -22.4872
Hunter-Lab	34.2239, -5.7286, -10.9095

Details

The Hex color **43647A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5943**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7697AE**, and **103549** is the 20% darker color. If you saturate the color by 10%, you get **375F7A**, and if you desaturate by 10%, it is **4F697A**.

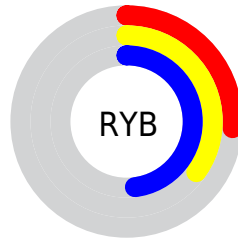
Distribution



Red (26%)

Green (39%)

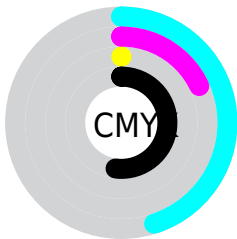
Blue (48%)



Red (26%)

Yellow (35%)

Blue (48%)

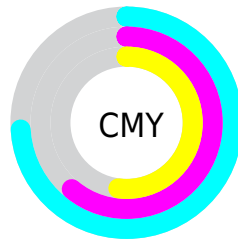


Cyan (45%)

Magenta (18%)

Yellow (0%)

Black (52%)



Cyan (74%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43647A 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 43647A by changing the saturation by 10% instead.

■ 43647A

■ 43647A

FFFFFF

■ 2A4C61

■ 7697AE

■ 103549

■ 90B1CA

■ 002033

■ ABCDE6

■ 00071E

■ C7E9FF

■ 000000

■ E4FFFF

■ 43647A

■ 43647A

■ 375F7A

■ 4F697A

■ 2B5A7A

■ 5B6E7A

■ 1E557A

■ 68737A

■ 12507A

■ 74787A

■ 064C7A

■ 807C7A

■ 00497A

■ 8C817A

■ 98867A

■ A58B7A

■ B1907A

Harmonies

Analogous

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



376772



43647A



56607B

Triad

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



43647A



7C565B



56654B

Complementary

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



43647A



7A5943

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.



656145



43647A



7B584F

Square

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



43647A



76576A



725C46



466756

Rectangle

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



43647A



635C78



725C46



5B6448

Sweetspot

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



43647A



88959E



437A59



424A4F



CFCFCF



4F4F4F

Same Dimension

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



43647A



497C9E



43497A



373B3D



004B7D



0097FC

Inverse Universe

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



7A4364



9E497C



7A7543



3D373B



7D004B



FC0097

Previews

White Background



This preview shows how the Hex color 43647A looks on a white background.

Color Contrast Check

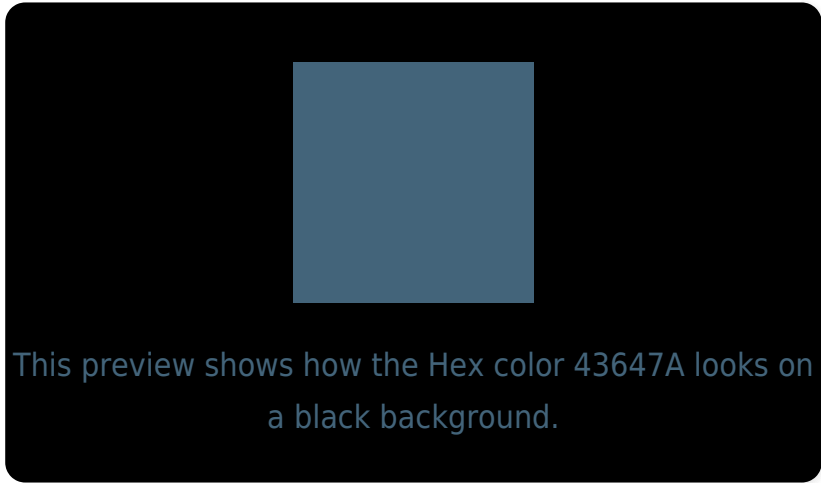
Large Text (above 18pt) WCAG AA ✓ Pass

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

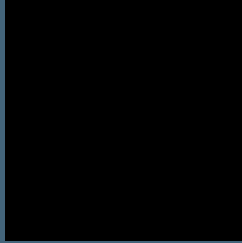
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

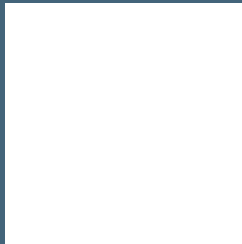
Any Text WCAG AAA × Fail

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

Hex 43647A Background



This preview shows how black text looks on a background with the Hex color 43647A.

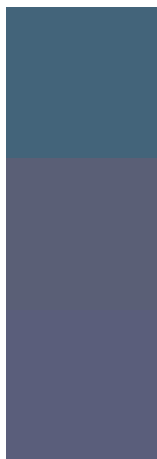


This preview shows how white text looks on a background with the Hex color 43647A.

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


43647A

Protanopia

5A5F76

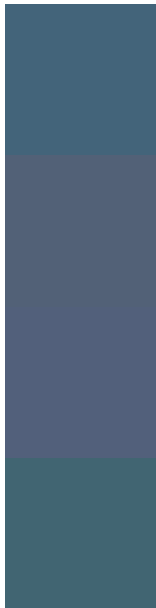
Deuteranopia

5A5E7B



Tritanopia
40666E

Trichromacy



Original Color
43647A

Protanomaly
526177

Deuteranomaly
52607B

Tritanomaly
416572

Monochromacy



Original Color
43647A

Achromatopsia
5D5D5D

Achromatomaly
546068

CSS Examples

Text

The CSS property to change the color of the text to Hex 43647A 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 #43647A looks like.

```
.text, #text, p{  
    color:#43647A  
}
```

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 #43647A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43647A
}
```

Border

The CSS property to change the border of an element to Hex 43647A 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
#43647A }
```

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

```
.border{ border-color:#43647A }
```

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

Here you see how a box with a 4 pixel #43647A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43647A; -webkit-box-shadow:4px 4px  
4px 4px #43647A; box-shadow:4px 4px 4px  
4px #43647A }
```

Background

The CSS property to change the background color of an element to Hex 43647A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43647A }
```

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

```
.background{ background-color:#43647A }
```

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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