

Converting Colors

Hex(44687A)

Have a look what the booklet for
Hex(44687A) contains.

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Color

Hex(44687A)

Conversions

Conversions Part 1

Format	Color
Hex	44687A
RGB	68, 104, 122
RGB Percent	27%, 41%, 48%
CMY	0.7333, 0.5922, 0.5216
CMYK	0.44, 0.15, 0.00, 0.52
HSL	200°, 28%, 37%
HSV	200°, 44%, 48%
XYZ	10.8471, 12.5347, 20.2601
YIQ	95.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

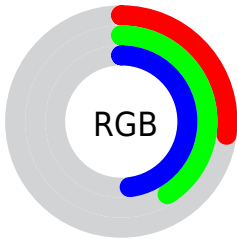
Format	Color
R_{YB}	68, 90, 122
Decimal	4483194
CIE _{Lab}	42.05, -7.70, -14.09
CIE _{LCh}	42, 16.056, 241.329
Yxy	12.5347, 0.2485, 0.2872
Android (android.graphics.Color)	4282673274 (0xFF44687A)
YUV	95.2880, 13.1690, -23.9316
Hunter-Lab	35.4044, -7.2696, -9.1455

Details

The Hex color **44687A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5644**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **779BAE**, and **113949** is the 20% darker color. If you saturate the color by 10%, you get **38647A**, and if you desaturate by 10%, it is **506C7A**.

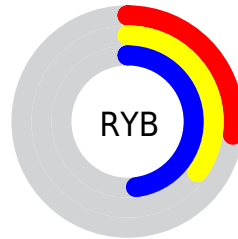
Distribution



Red (27%)

Green (41%)

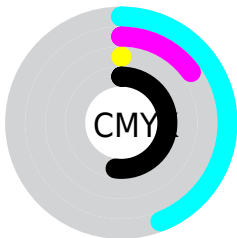
Blue (48%)



Red (27%)

Yellow (35%)

Blue (48%)

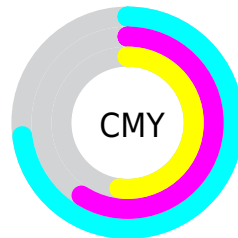


Cyan (44%)

Magenta (15%)

Yellow (0%)

Black (52%)



Cyan (73%)

Magenta (59%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44687A 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 44687A by changing the saturation by 10% instead.

■ 44687A

■ 44687A

FFFFFF

■ 2B5061

■ 779BAE

■ 113949

■ 91B6CA

■ 002333

■ ACD2E6

■ 000E1E

■ C8EEFF

■ 000001

■ E5FFFF

■ 000000

■ 44687A

■ 44687A

■ 38647A

■ 506C7A

■ 2C607A

■ 5C707A

■ 1F5C7A

■ 69747A

■ 13587A

■ 75787A

■ 07547A

■ 817C7A

■ 00517A

■ 8D807A

■ 99847A

■ A6897A

■ B28D7A

Harmonies

Analogous

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



3D6A70



44687A



54647D

Triad

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



44687A



7D5A63



5E674C

Complementary

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



44687A



7A5644

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.



6C6349



44687A



7E5B56

Square

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



44687A



755C70



785E4C



4F6956

Rectangle

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



44687A



60617C



785E4C



63654A

Sweetspot

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



44687A



8A979E



447A56



424B4F



CFCFCF



4F4F4F

Same Dimension

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



44687A



4A829E



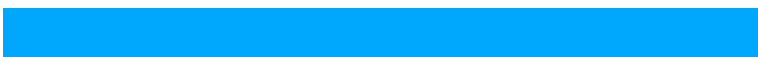
444D7A



373B3D



00537D



00A8FC

Inverse Universe

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



7A4468



9E4A82



7A7144



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 44687A looks on a white background.

Color Contrast Check

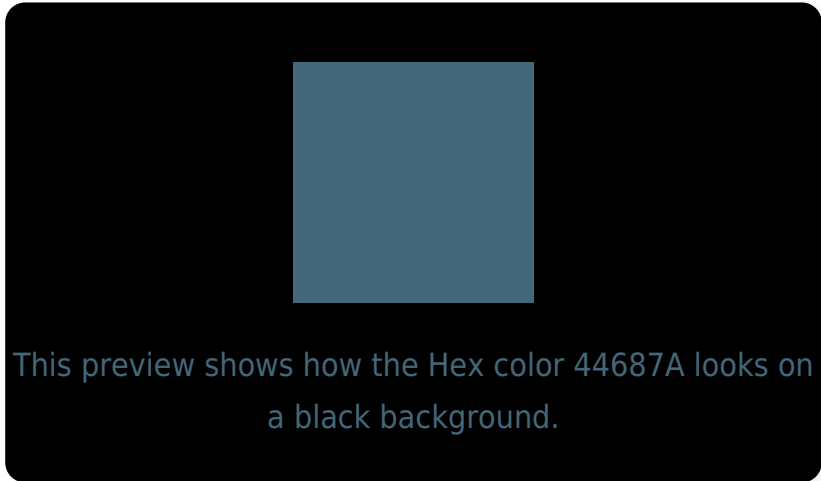
Large Text (above 18pt) WCAG AA ✓ Pass

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

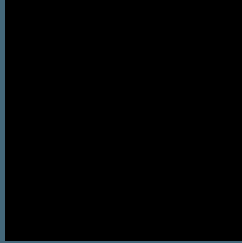
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

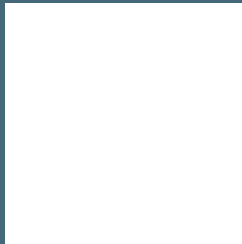
Any Text WCAG AAA × Fail

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

Hex 44687A Background



This preview shows how black text looks on a background with the Hex color 44687A.

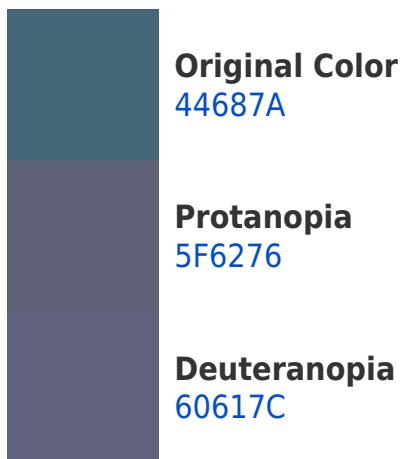



This preview shows how white text looks on a background with the Hex color 44687A.

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
426972

Trichromacy



Original Color
44687A

Protanomaly
556477

Deuteranomaly
56647B

Tritanomaly
436975

Monochromacy



Original Color
44687A

Achromatopsia
5F5F5F

Achromatomaly
556269

CSS Examples

Text

The CSS property to change the color of the text to Hex 44687A 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 #44687A looks like.

```
.text, #text, p{  
    color:#44687A  
}
```

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 #44687A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44687A
}
```

Border

The CSS property to change the border of an element to Hex 44687A 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
#44687A }
```

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

```
.border{ border-color:#44687A }
```

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

Here you see how a box with a 4 pixel #44687A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44687A; -webkit-box-shadow:4px 4px  
4px 4px #44687A; box-shadow:4px 4px 4px  
4px #44687A }
```

Background

The CSS property to change the background color of an element to Hex 44687A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44687A }
```

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

```
.background{ background-color:#44687A }
```

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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