

# Converting Colors

Hex(44687C)

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

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# Color

Hex(44687C)

# Conversions

## Conversions Part 1

Format	Color
Hex	44687C
RGB	68, 104, 124
RGB Percent	27%, 41%, 49%
CMY	0.7333, 0.5922, 0.5137
CMYK	0.45, 0.16, 0.00, 0.51
HSL	201°, 29%, 38%
HSV	201°, 45%, 49%
XYZ	10.9723, 12.5848, 20.9196
YIQ	95.5160, -27.8760, -1.4120

# Conversions

## Conversions Part 2

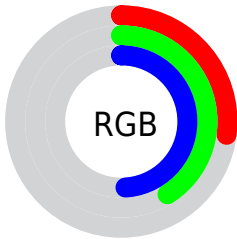
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 90, 124
Decimal	4483196
CIELab	42.13, -7.11, -15.18
CIElCh	42, 16.761, 244.913
Yxy	12.5848, 0.2467, 0.2830
Android (android.graphics.Color)	4282673276 (0xFF44687C)
YUV	95.5160, 14.0426, -24.1315
Hunter-Lab	35.4751, -6.8720, -10.1307

# Details

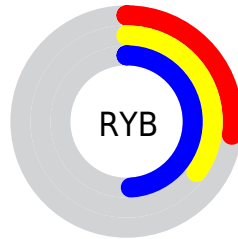
The Hex color **44687C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5844**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **779BB1**, and **10394B** is the 20% darker color. If you saturate the color by 10%, you get **38647C**, and if you desaturate by 10%, it is **506C7C**.

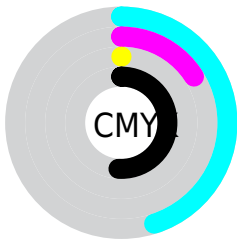
# Distribution



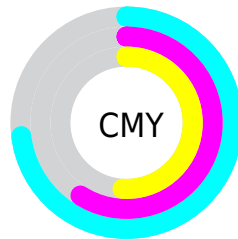
- Red (27%)
- Green (41%)
- Blue (49%)



- Red (27%)
- Yellow (35%)
- Blue (49%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)



- Cyan (73%)
- Magenta (59%)
- Yellow (51%)

# Brightness & Saturation Gradients

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



■ 44687C

■ 44687C

FFFFFF

■ 2B5063

■ 779BB1

■ 10394B

■ 92B6CC

■ 002434

■ ADD2E8

■ 000E1F

■ C9EEFF

■ 000004

■ E5FFFF

■ 000000

■ 44687C

■ 44687C

■ 38647C

■ 506C7C

■ 2B5F7C

■ 5D717C

■ 1F5B7C

■ 69757C

■ 12567C

■ 767A7C

■ 06527C

■ 827E7C

■ 00507C

■ 8E837C

■ 9B877C

■ A78B7C

■ B4907C

# Harmonies

## Analogous

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



3B6B73



44687C



56647F

# Triad

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



44687C



7F5962



5C674D

# Complementary

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



44687C



7C5844

# 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.



6B6348



44687C



7F5B54

# Square

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



44687C



775B6F



785F4B



4C6A57

# Rectangle

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



44687C



63617C



785F4B



61664A



# Sweetspot

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



44687C



8A99A1



447C58



444D52



D1D1D1



525252



# Same Dimension

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



44687C



4A82A1



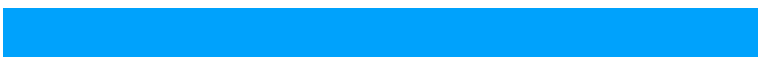
444C7C



373B3D



00507D



00A2FC



# Inverse Universe

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



7C4468



A14A82



7C7444



3D373B



7D0050



FC00A2



# Previews

## White Background



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

## Color Contrast Check

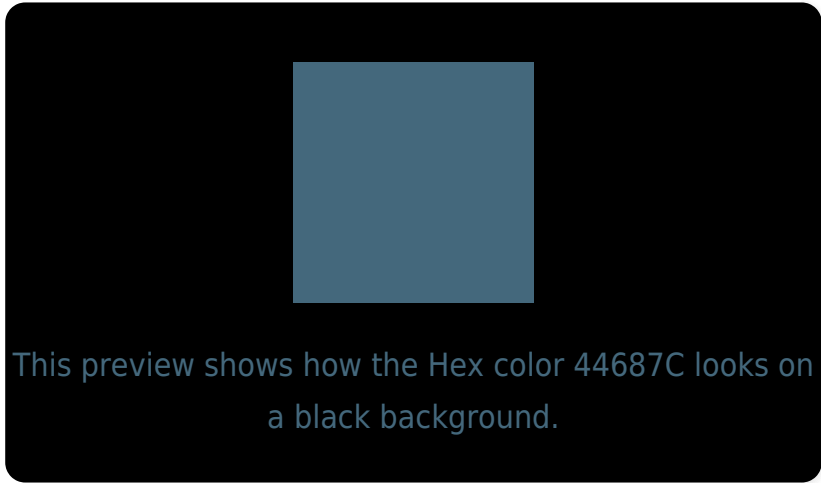
Large Text (above 18pt) WCAG AA ✓ Pass

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

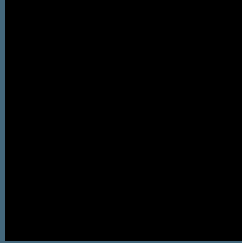
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

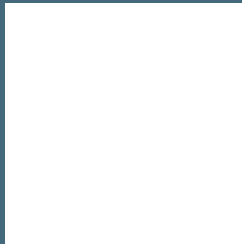
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44687C Background



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

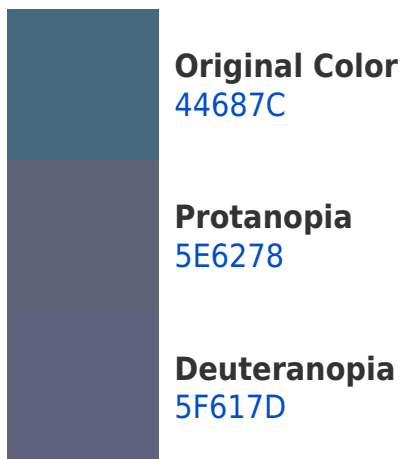


This preview shows how white text looks on a background with the Hex color 44687C.

# 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](#).

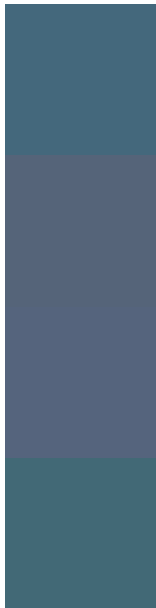
## Dichromacy





**Tritanopia**  
416A72

# Trichromacy



**Original Color**  
44687C

**Protanomaly**  
556479

**Deuteranomaly**  
55647D

**Tritanomaly**  
426976

# Monochromacy



**Original Color**  
44687C

**Achromatopsia**  
606060

**Achromatomaly**  
56636A

# CSS Examples

## Text

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

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

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 #44687C colored shadow looks like.

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

## Border

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

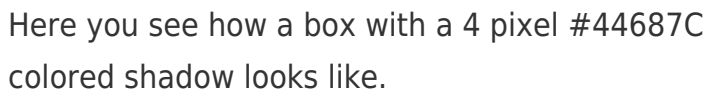
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#44687C }
```

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

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

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



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

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

# Background

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

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

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

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

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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