

# Converting Colors

Hex(447F87)

Have a look what the booklet for  
Hex(447F87) contains.

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# Color

**Hex(447F87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	447F87
RGB	68, 127, 135
RGB Percent	27%, 50%, 53%
CMY	0.7333, 0.5020, 0.4706
CMYK	0.50, 0.06, 0.00, 0.47
HSL	187°, 33%, 40%
HSV	187°, 50%, 53%
XYZ	14.3464, 18.1570, 25.6702
YIQ	110.2710, -37.7320, -10.0200

# Conversions

## Conversions Part 2

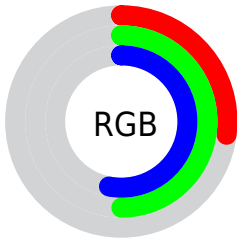
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 99, 135
Decimal	4489095
CIELab	49.69, -16.91, -10.30
CIElCh	50, 19.801, 211.349
Yxy	18.1570, 0.2466, 0.3121
Android (android.graphics.Color)	4282679175 (0xFF447F87)
YUV	110.2710, 12.1914, -37.0717
Hunter-Lab	42.6110, -14.4711, -5.8904

# Details

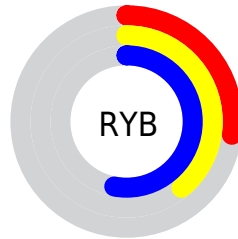
The Hex color **447F87** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **874C44**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **79B4BC**, and **064E55** is the 20% darker color. If you saturate the color by 10%, you get **377D87**, and if you desaturate by 10%, it is **528187**.

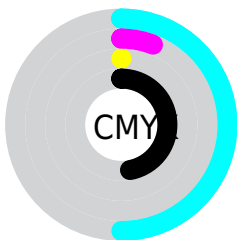
# Distribution



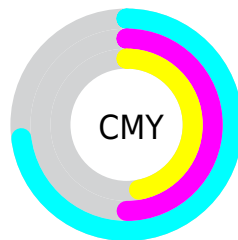
- Red (27%)
- Green (50%)
- Blue (53%)



- Red (27%)
- Yellow (39%)
- Blue (53%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (50%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 447F87 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 447F87 by changing the saturation by 10% instead.





447F87



447F87

FFFFFF



29666E



79B4BC



064E55



94D0D8



00373E



B0ECF4



002128



CCFFFF



000114



E9FFFF



000000



447F87



447F87



377D87



528187



297C87



5F8287

■ 1C7A87

■ 6D8487

■ 0E7987

■ 7A8587

■ 017787

■ 888787

■ 007787

■ 958987

■ A38A87

■ B08C87

■ BE8E87

# Harmonies

## Analogous

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



4B8076



447F87



4D7C93

# Triad

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



447F87



8C6C87



827555

# Complementary

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



447F87



874C44

# 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.



907059



447F87



976A76

# Square

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



447F87



7A7293



986B65



707A59

# Rectangle

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



447F87



5B7997



986B65



877355



# Sweetspot

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



447F87



96ADB0



44874C



495759



D9D9D9



595959



# Same Dimension

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



447F87



46A3B0



445E87



3C4242



007382



000203



# Inverse Universe

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



87447F



B046A3



876D44



423C42



820073

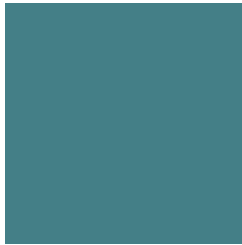


030002



# Previews

## White Background



This preview shows how the Hex color 447F87 looks on a white background.

## Color Contrast Check

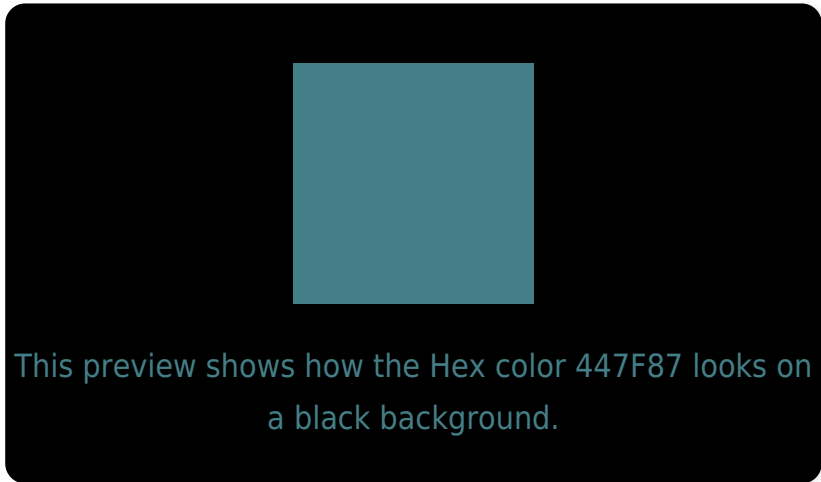
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

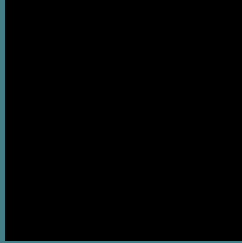
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 447F87 Background



This preview shows how black text looks on a background with the Hex color 447F87.

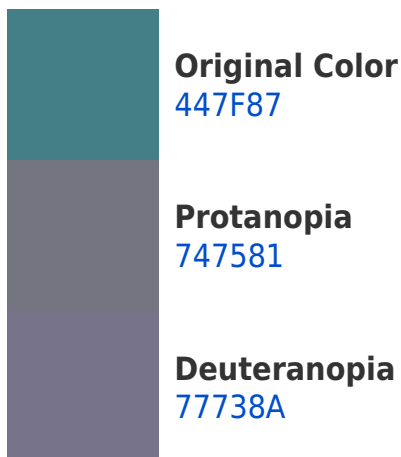


This preview shows how white text looks on a background with the Hex color 447F87.

# 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](#).

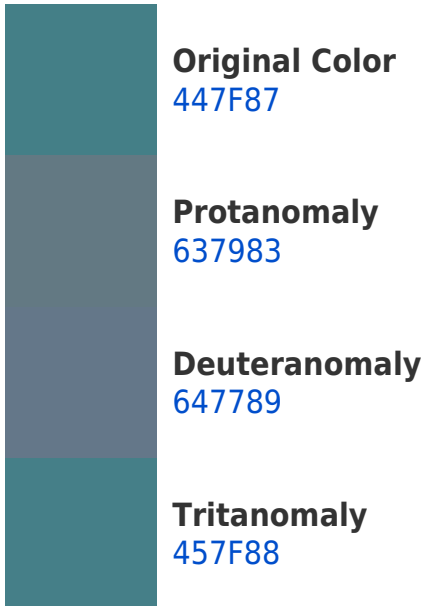
## Dichromacy





**Tritanopia**  
457F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 447F87 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 #447F87 looks like.

```
.text, #text, p{  
    color:#447F87  
}
```

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 #447F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447F87
}
```

## Border

The CSS property to change the border of an element to Hex 447F87 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
#447F87 }
```

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

```
.border{ border-color:#447F87 }
```

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

Here you see how a box with a 4 pixel #447F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447F87; -webkit-box-shadow:4px 4px  
4px 4px #447F87; box-shadow:4px 4px 4px  
4px #447F87 }
```

# Background

The CSS property to change the background color of an element to Hex 447F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447F87 }
```

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

```
.background{ background-color:#447F87 }
```

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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