

Converting Colors

Hex(467E82)

Have a look what the booklet for
Hex(467E82) contains.

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Color

Hex(467E82)

Conversions

Conversions Part 1

Format	Color
Hex	467E82
RGB	70, 126, 130
RGB Percent	27%, 49%, 51%
CMY	0.7255, 0.5059, 0.4902
CMYK	0.46, 0.03, 0.00, 0.49
HSL	184°, 30%, 39%
HSV	184°, 46%, 51%
XYZ	14.0159, 17.8355, 23.8230
YIQ	109.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

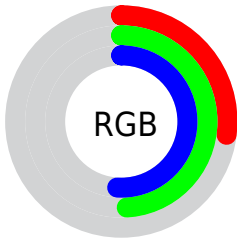
Format	Color
RYB	70, 99, 130
Decimal	4619906
CIELab	49.30, -17.29, -7.94
CIElCh	49, 19.024, 204.655
Yxy	17.8355, 0.2517, 0.3204
Android (android.graphics.Color)	4282809986 (0xFF467E82)
YUV	109.7120, 10.0020, -34.8274
Hunter-Lab	42.2321, -14.6660, -3.8828




Details

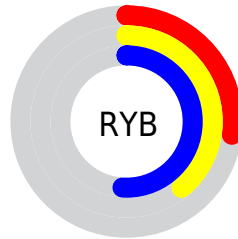
The Hex color **467E82** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **824A46**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **7AB3B7**, and **0D4D51** is the 20% darker color. If you saturate the color by 10%, you get **397D82**, and if you desaturate by 10%, it is **537F82**.

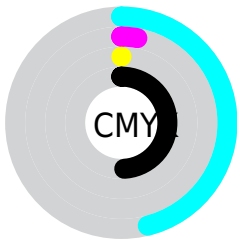
Distribution







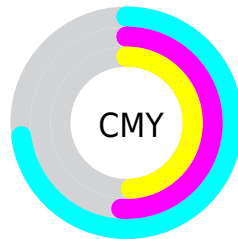
-  Red (27%)
-  Green (49%)
-  Blue (51%)






-  Red (27%)
-  Yellow (39%)
-  Blue (51%)



-  Cyan (46%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (73%)
-  Magenta (51%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467E82 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 467E82 by changing the saturation by 10% instead.

 467E82

 467E82

FFFFFF

 2C6569

 7AB3B7

 0D4D51

 95CED2

 00363A

 B1EBEF

 002124

 CDFFFF

 00010F

 EAFFFF

 000000

 467E82

 467E82

 397D82

 537F82

 2C7C82

 608082

■ 1F7B82

■ 6D8182

■ 127B82

■ 7A8182

■ 057A82

■ 878282

■ 007982

■ 948382

■ A18482

■ AE8582

■ BB8682

Harmonies

Analogous

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



507E72



467E82



4B7C8F

Triad

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



467E82



876D88



847355

Complementary

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



467E82



824A46

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.



906E5B



467E82



936A79

Square

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



467E82



747292



966A68



737858

Rectangle

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



467E82



567994



966A68



897156

Sweetspot

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



467E82



91A7A8



46824A



465354



D4D4D4



545454

Same Dimension

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



467E82



4CA2A8



466082



393F40



007780



000000

Inverse Universe

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



82467E



A84CA2



826846



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 467E82 looks on a white background.

Color Contrast Check

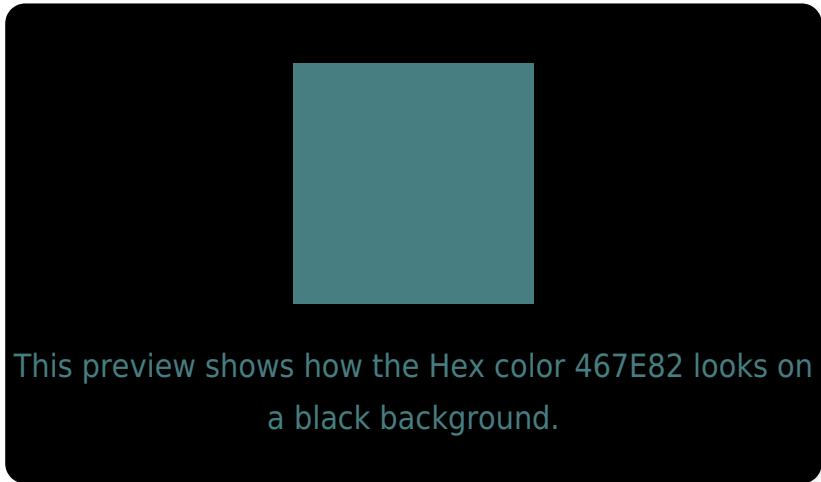
Large Text (above 18pt) WCAG AA ✓ Pass

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

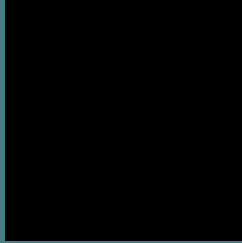
Any Text WCAG AA ✓ Pass

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 467E82 Background



This preview shows how black text looks on a background with the Hex color 467E82.

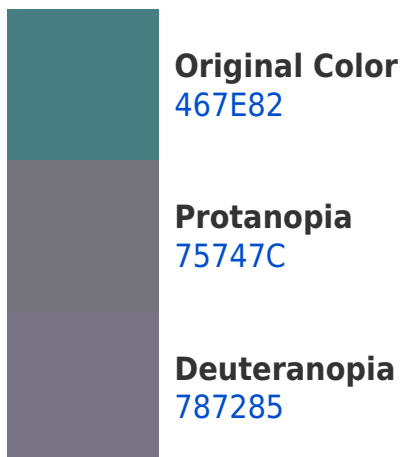



This preview shows how white text looks on a background with the Hex color 467E82.

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



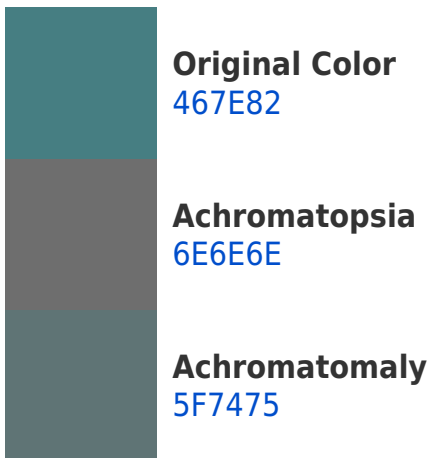


Tritanopia
487D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 467E82 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 #467E82 looks like.

```
.text, #text, p{  
    color:#467E82  
}
```

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 #467E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467E82
}
```

Border

The CSS property to change the border of an element to Hex 467E82 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
#467E82 }
```

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

```
.border{ border-color:#467E82 }
```

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

Here you see how a box with a 4 pixel #467E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467E82; -webkit-box-shadow:4px 4px  
4px 4px #467E82; box-shadow:4px 4px 4px  
4px #467E82 }
```

Background

The CSS property to change the background color of an element to Hex 467E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467E82 }
```

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

```
.background{ background-color:#467E82 }
```

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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