

Converting Colors

Hex(467D9E)

Have a look what the booklet for
Hex(467D9E) contains.

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Color

Hex(467D9E)

Conversions

Conversions Part 1

Format	Color
Hex	467D9E
RGB	70, 125, 158
RGB Percent	27%, 49%, 62%
CMY	0.7255, 0.5098, 0.3804
CMYK	0.56, 0.21, 0.00, 0.38
HSL	202°, 39%, 45%
HSV	202°, 56%, 62%
XYZ	16.0310, 18.4379, 35.0617
YIQ	112.3170, -43.3730, -1.3970

Conversions

Conversions Part 2

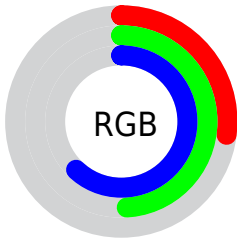
Format	Color
R_{YB}	70, 104, 158
Decimal	4619678
CIE Lab	50.02, -8.33, -23.25
CIE LCh	50, 24.698, 250.296
Yxy	18.4379, 0.2306, 0.2652
Android (android.graphics.Color)	4282809758 (0xFF467D9E)
YUV	112.3170, 22.5217, -37.1120
Hunter-Lab	42.9394, -8.5030, -18.3550

Details

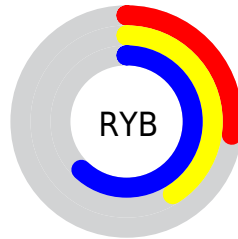
The Hex color **467D9E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E6746**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7DB2D5**, and **004C6A** is the 20% darker color. If you saturate the color by 10%, you get **36779E**, and if you desaturate by 10%, it is **56839E**.

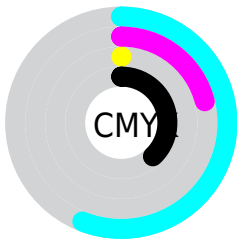
Distribution



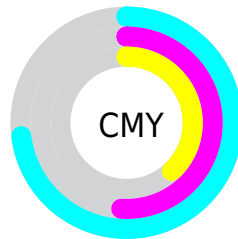
- Red (27%)
- Green (49%)
- Blue (62%)



- Red (27%)
- Yellow (41%)
- Blue (62%)



- Cyan (56%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (73%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467D9E 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 467D9E by changing the saturation by 10% instead.

■ 467D9E

■ 467D9E

FFFFFF

■ 296484

■ 7DB2D5

■ 004C6A

■ 98CDF1

■ 003652

■ B4E9FF

■ 00203B

■ D1FFFF

■ 000326

■ EEEFFF

■ 00010E

■ 000000

■ 467D9E

■ 467D9E

■ 36779E

■ 56839E

■ 26719E

■ 66899E

■ 176B9E

■ 758F9E

■ 07659E

■ 85959E

■ 00639E

■ 959B9E

■ A5A19E

■ B5A69E

■ C4AC9E

■ D4B29E

Harmonies

Analogous

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



318191



467D9E



6677A0

Triad

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



467D9E



A06770



677E56

Complementary

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



467D9E



9E6746

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.



7E784D



467D9E



9E6A5D

Square

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



467D9E



976986



927150



4E8168

Rectangle

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



467D9E



7A729B



927150



6F7C52

Sweetspot

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



467D9E



ABC1CF



469E66



546169



E8E8E8



696969

Same Dimension

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



467D9E



449BCF



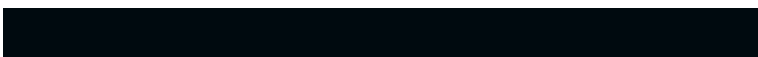
46529E



474C4F



00598F



000A0F

Inverse Universe

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



9E467D



CF449B



9E9246



4F474C



8F0059



0F000A

Previews

White Background



This preview shows how the Hex color 467D9E looks on a white background.

Color Contrast Check

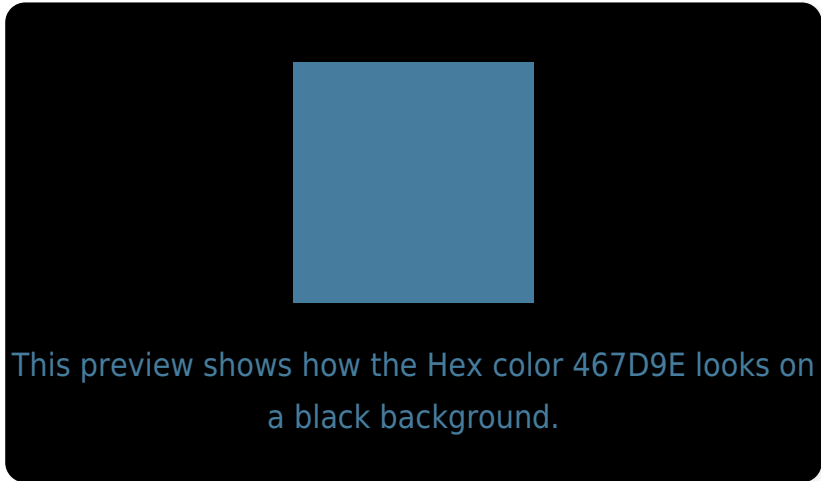
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

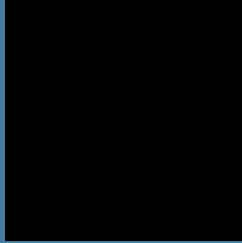
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

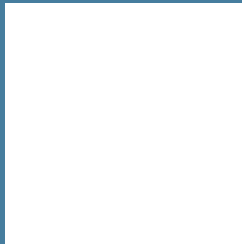
Any Text WCAG AAA × Fail

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

Hex 467D9E Background



This preview shows how black text looks on a background with the Hex color 467D9E.

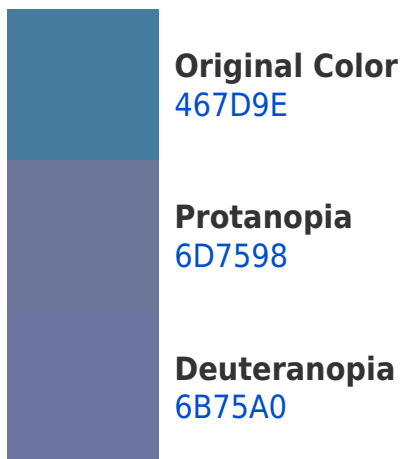


This preview shows how white text looks on a background with the Hex color 467D9E.

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](#).

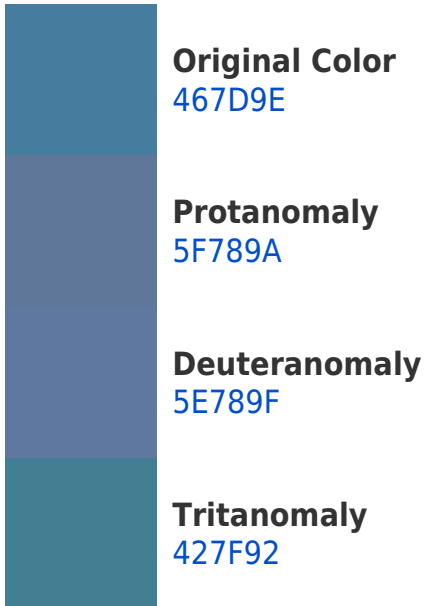
Dichromacy





Tritanopia
3F808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 467D9E 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 #467D9E looks like.

```
.text, #text, p{  
    color:#467D9E  
}
```

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 #467D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467D9E
}
```

Border

The CSS property to change the border of an element to Hex 467D9E 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
#467D9E }
```

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

```
.border{ border-color:#467D9E }
```

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

Here you see how a box with a 4 pixel #467D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467D9E; -webkit-box-shadow:4px 4px  
4px 4px #467D9E; box-shadow:4px 4px 4px  
4px #467D9E }
```

Background

The CSS property to change the background color of an element to Hex 467D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467D9E }
```

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

```
.background{ background-color:#467D9E }
```

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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