

Converting Colors

Hex(467C86)

Have a look what the booklet for
Hex(467C86) contains.

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Color

Hex(467C86)

Conversions

Conversions Part 1

Format	Color
Hex	467C86
RGB	70, 124, 134
RGB Percent	27%, 49%, 53%
CMY	0.7255, 0.5137, 0.4745
CMYK	0.48, 0.07, 0.00, 0.47
HSL	189°, 31%, 40%
HSV	189°, 48%, 53%
XYZ	14.0365, 17.4386, 25.1804
YIQ	108.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

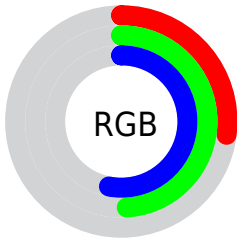
Format	Color
RYB	70, 99, 134
Decimal	4619398
CIELab	48.81, -15.06, -11.02
CIElCh	49, 18.661, 216.210
Yxy	17.4386, 0.2478, 0.3078
Android (android.graphics.Color)	4282809478 (0xFF467C86)
YUV	108.9940, 12.3280, -34.1977
Hunter-Lab	41.7596, -13.0806, -6.5193

Details

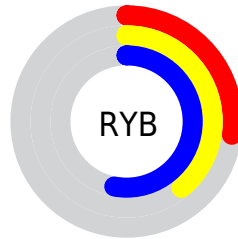
The Hex color **467C86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **865046**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7BB1BB**, and **0D4B54** is the 20% darker color. If you saturate the color by 10%, you get **397A86**, and if you desaturate by 10%, it is **537E86**.

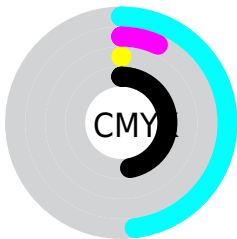
Distribution



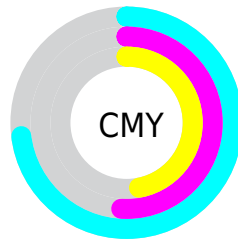
- Red (27%)
- Green (49%)
- Blue (53%)



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



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467C86 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 467C86 by changing the saturation by 10% instead.

 467C86

 467C86

FFFFFF

 2C636D

 7BB1BB

 0D4B54

 95CCD7

 00343D

 B1E8F3

 001F27

 CDFFFF

 000113

 EAFFFF

 000000

 467C86

 467C86

 397A86

 537E86

 2B7886

 618086

■ 1E7686

■ 6E8286

■ 107486

■ 7C8486

■ 037286

■ 898686

■ 007186

■ 968986

■ A48B86

■ B18D86

■ BF8F86

Harmonies

Analogous

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



4A7D77



467C86



517990

Triad

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



467C86



8B6A81



7C7455

Complementary

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



467C86



865046

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.



8A6F58



467C86



936871

Square

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



467C86



7B6F8D



936A62



6B795A

Rectangle

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



467C86



5E7693



936A62



827255

Sweetspot

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



467C86



95AAAD



468650



485457



D6D6D6



575757

Same Dimension

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



467C86



4B9EAD



465C86



3C4142



006E82



000203

Inverse Universe

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



86467C



AD4B9E



867046



423C41



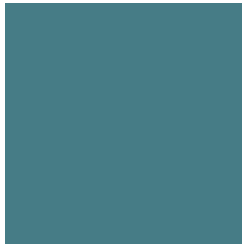
82006E



030002

Previews

White Background



This preview shows how the Hex color 467C86 looks on a white background.

Color Contrast Check

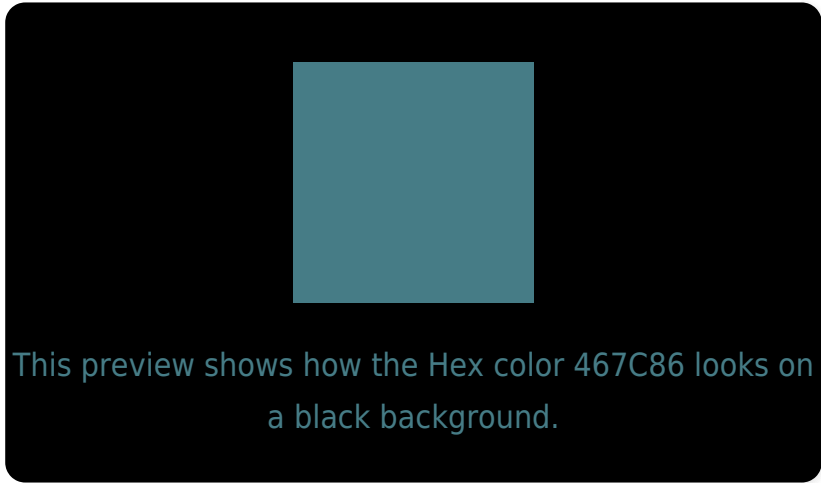
Large Text (above 18pt) WCAG AA ✓ Pass

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

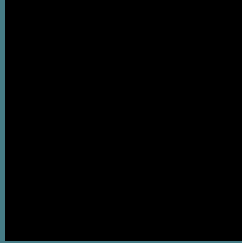
Any Text WCAG AA × Fail

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 467C86 Background



This preview shows how black text looks on a background with the Hex color 467C86.

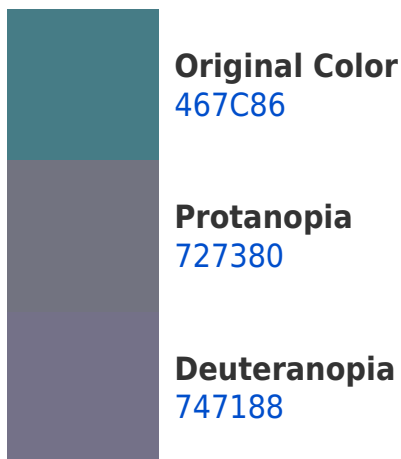



This preview shows how white text looks on a background with the Hex color 467C86.

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
467C86

Trichromacy



Original Color
467C86

Protanomaly
627682

Deuteranomaly
637587

Tritanomaly
467C86

Monochromacy



Original Color
467C86

Achromatopsia
6D6D6D

Achromatomaly
5F7276

CSS Examples

Text

The CSS property to change the color of the text to Hex 467C86 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 #467C86 looks like.

```
.text, #text, p{  
    color:#467C86  
}
```

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 #467C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467C86
}
```

Border

The CSS property to change the border of an element to Hex 467C86 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
#467C86 }
```

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

```
.border{ border-color:#467C86 }
```

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

Here you see how a box with a 4 pixel #467C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467C86; -webkit-box-shadow:4px 4px  
4px 4px #467C86; box-shadow:4px 4px 4px  
4px #467C86 }
```

Background

The CSS property to change the background color of an element to Hex 467C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467C86 }
```

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

```
.background{ background-color:#467C86 }
```

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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