

Converting Colors

Hex(467A86)

Have a look what the booklet for
Hex(467A86) contains.

Hex(467A86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(467A86)

Conversions

Conversions Part 1

Format	Color
Hex	467A86
RGB	70, 122, 134
RGB Percent	27%, 48%, 53%
CMY	0.7255, 0.5216, 0.4745
CMYK	0.48, 0.09, 0.00, 0.47
HSL	191°, 31%, 40%
HSV	191°, 48%, 53%
XYZ	13.7884, 16.9424, 25.0977
YIQ	107.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

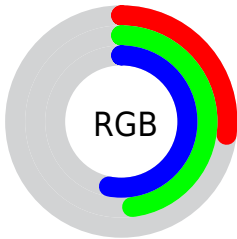
Format	Color
RYB	70, 99, 134
Decimal	4618886
CIELab	48.19, -13.95, -11.96
CIElCh	48, 18.374, 220.610
Yxy	16.9424, 0.2470, 0.3035
Android (android.graphics.Color)	4282808966 (0xFF467A86)
YUV	107.8200, 12.9067, -33.1681
Hunter-Lab	41.1611, -12.2370, -7.3389

Details

The Hex color **467A86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **865246**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7AAFBB**, and **0D4954** is the 20% darker color. If you saturate the color by 10%, you get **397786**, and if you desaturate by 10%, it is **537D86**.

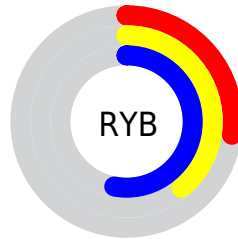
Distribution



Red (27%)

Green (48%)

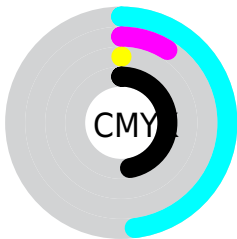
Blue (53%)



Red (27%)

Yellow (39%)

Blue (53%)

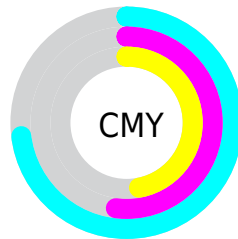


Cyan (48%)

Magenta (9%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467A86 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 467A86 by changing the saturation by 10% instead.

 467A86

 467A86

FFFFFF

 2C616D

 7AAFBB

 0D4954

 95CAD7

 00333D

 B1E6F3

 001E27

 CDFFFF

 000113

 EAFFFF

 000000

 467A86

 467A86

 397786

 537D86

 2B7586

 617F86

■ 1E7286

■ 6E8286

■ 107086

■ 7C8486

■ 036D86

■ 898786

■ 006D86

■ 968986

■ A48C86

■ B18E86

■ BF9186

Harmonies

Analogous

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



487B78



467A86



52778F

Triad

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



467A86



8B687D



787354

Complementary

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



467A86



865246

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.



876E56



467A86



92676D

Square

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



467A86



7C6D8A



90695F



67785B

Rectangle

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



467A86



607491



90695F



7E7153

Sweetspot

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



467A86



95A9AD



468652



485457



D6D6D6



575757

Same Dimension

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



467A86



4B9BAD



465A86



3C4142



006A82



000203

Inverse Universe

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



86467A



AD4B9B



867246



423C41



82006A



030002

Previews

White Background



This preview shows how the Hex color 467A86 looks on a white background.

Color Contrast Check

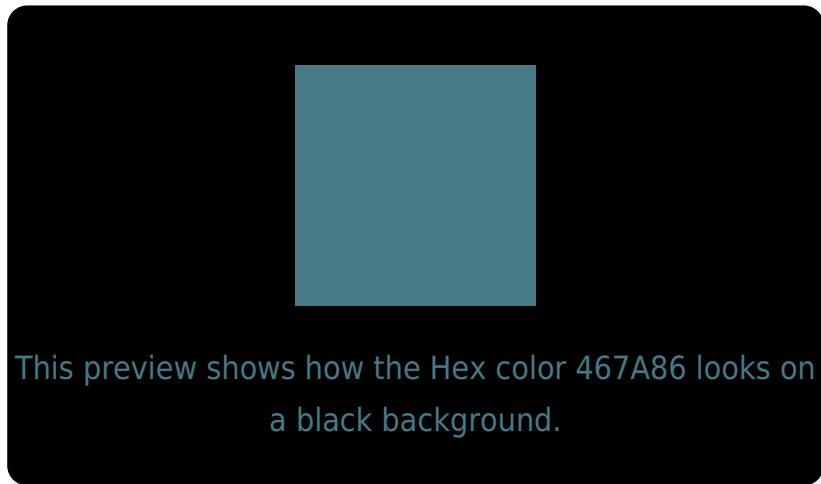
Large Text (above 18pt) WCAG AA ✓ Pass

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

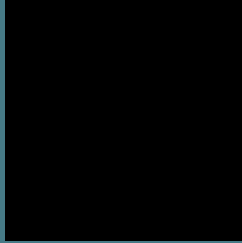
Any Text WCAG AA × Fail

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 467A86 Background



This preview shows how black text looks on a background with the Hex color 467A86.

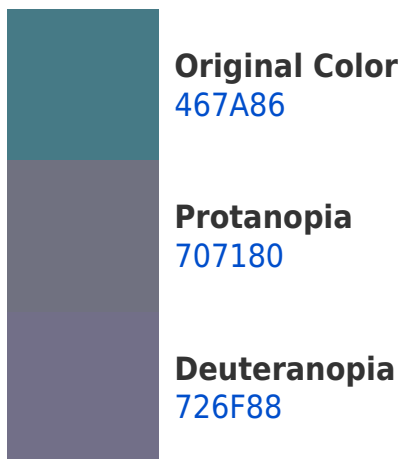



This preview shows how white text looks on a background with the Hex color 467A86.

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
457A84

Trichromacy



Original Color
467A86

Protanomaly
617482

Deuteranomaly
627387

Tritanomaly
457A85

Monochromacy



Original Color
467A86

Achromatopsia
6C6C6C

Achromatomaly
5E7175

CSS Examples

Text

The CSS property to change the color of the text to Hex 467A86 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 #467A86 looks like.

```
.text, #text, p{  
    color:#467A86  
}
```

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 #467A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467A86
}
```

Border

The CSS property to change the border of an element to Hex 467A86 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
#467A86 }
```

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

```
.border{ border-color:#467A86 }
```

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

Here you see how a box with a 4 pixel #467A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467A86; -webkit-box-shadow:4px 4px  
4px 4px #467A86; box-shadow:4px 4px 4px  
4px #467A86 }
```

Background

The CSS property to change the background color of an element to Hex 467A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467A86 }
```

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

```
.background{ background-color:#467A86 }
```

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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