

Converting Colors

Hex(486877)

Have a look what the booklet for
Hex(486877) contains.

Hex(486877)	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(486877)

Conversions

Conversions Part 1

Format	Color
Hex	486877
RGB	72, 104, 119
RGB Percent	28%, 41%, 47%
CMY	0.7176, 0.5922, 0.5333
CMYK	0.39, 0.13, 0.00, 0.53
HSL	199°, 25%, 37%
HSV	199°, 39%, 47%
XYZ	10.9526, 12.6103, 19.3095
YIQ	96.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

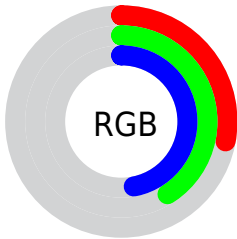
Format	Color
R_{YB}	72, 91, 119
Decimal	4745335
CIE _{Lab}	42.17, -7.42, -12.07
CIE _{LCh}	42, 14.171, 238.420
Yxy	12.6103, 0.2555, 0.2941
Android (android.graphics.Color)	4282935415 (0xFF486877)
YUV	96.1420, 11.2690, -21.1725
Hunter-Lab	35.5109, -7.0897, -7.3821

Details

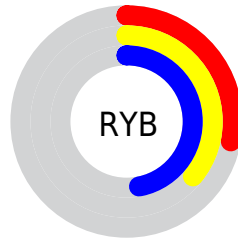
The Hex color **486877** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775748**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7A9BAB**, and **173947** is the 20% darker color. If you saturate the color by 10%, you get **3C6477**, and if you desaturate by 10%, it is **546C77**.

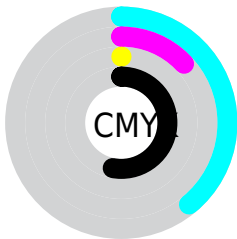
Distribution



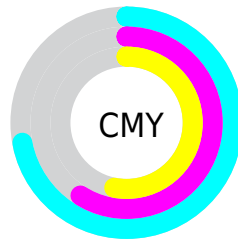
- Red (28%)
- Green (41%)
- Blue (47%)



- Red (28%)
- Yellow (36%)
- Blue (47%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486877 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 486877 by changing the saturation by 10% instead.

■ 486877

■ 486877

FFFFFF

■ 30505E

■ 7A9BAB

■ 173947

■ 95B6C7

■ 002330

■ B0D2E3

■ 000E1C

■ CCEEFF

■ 000000

■ E8FFFF

■ 486877

■ 486877

■ 3C6477

■ 546C77

■ 306077

■ 607077

■ 245D77

■ 6C7377

■ 185977

■ 787777

■ 0C5577

■ 847B77

■ 015177

■ 8F7F77

■ 005177

■ 9B8377

■ A78677

■ B38A77

Harmonies

Analogous

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



436A6E



486877



55657B

Triad

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



486877



7A5B65



60664F

Complementary

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



486877



775748

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.



6D634C



486877



7C5C59

Square

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



486877



725D70



775F50



536957

Rectangle

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



486877



60627A



775F50



65654D

Sweetspot

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



486877



89969C



487757



444C4F



CFCFCF



4F4F4F

Same Dimension

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



486877



52849C



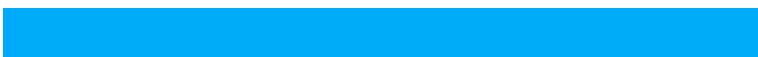
485177



35393B



00537A



00AAFA

Inverse Universe

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



774868



9C5284



776E48



3B3539



7A0053



FA00AA

Previews

White Background



This preview shows how the Hex color 486877 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

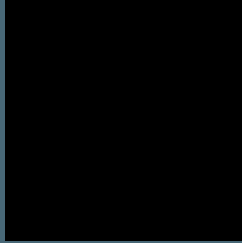
Any Text WCAG AA × Fail

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 486877 Background



This preview shows how black text looks on a background with the Hex color 486877.

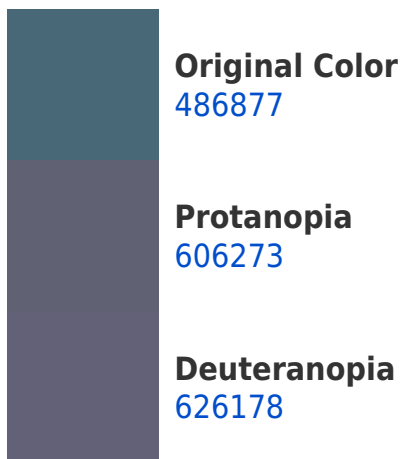



This preview shows how white text looks on a background with the Hex color 486877.

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
476971

Trichromacy



Original Color
486877

Protanomaly
576474

Deuteranomaly
596478

Tritanomaly
476973

Monochromacy



Original Color
486877

Achromatopsia
606060

Achromatomaly
576368

CSS Examples

Text

The CSS property to change the color of the text to Hex 486877 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 #486877 looks like.

```
.text, #text, p{  
    color:#486877  
}
```

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 #486877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486877
}
```

Border

The CSS property to change the border of an element to Hex 486877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

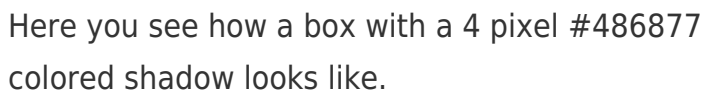
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#486877 }
```

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

```
.border{ border-color:#486877 }
```

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



Here you see how a box with a 4 pixel #486877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486877; -webkit-box-shadow:4px 4px  
4px 4px #486877; box-shadow:4px 4px 4px  
4px #486877 }
```

Background

The CSS property to change the background color of an element to Hex 486877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486877 }
```

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

```
.background{ background-color:#486877 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor