

Converting Colors

Hex(486E74)

Have a look what the booklet for
Hex(486E74) contains.

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Color

Hex(486E74)

Conversions

Conversions Part 1

Format	Color
Hex	486E74
RGB	72, 110, 116
RGB Percent	28%, 43%, 45%
CMY	0.7176, 0.5686, 0.5451
CMYK	0.38, 0.05, 0.00, 0.55
HSL	188°, 23%, 37%
HSV	188°, 38%, 45%
XYZ	11.4008, 13.7905, 18.5839
YIQ	99.3220, -24.5740, -6.1900

Conversions

Conversions Part 2

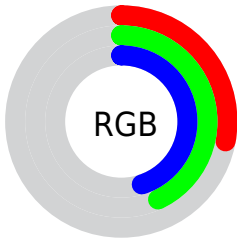
Format	Color
RYB	72, 92, 116
Decimal	4746868
CIELab	43.93, -11.74, -7.61
CIElCh	44, 13.989, 212.962
Yxy	13.7905, 0.2604, 0.3150
Android (android.graphics.Color)	4282936948 (0xFF486E74)
YUV	99.3220, 8.2223, -23.9614
Hunter-Lab	37.1356, -10.1870, -3.6759

Details

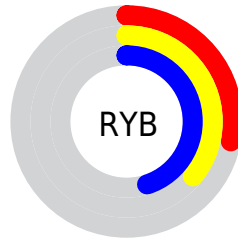
The Hex color **486E74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **744E48**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7BA2A8**, and **173E44** is the 20% darker color. If you saturate the color by 10%, you get **3C6C74**, and if you desaturate by 10%, it is **547074**.

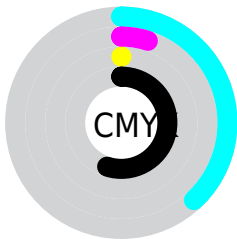
Distribution



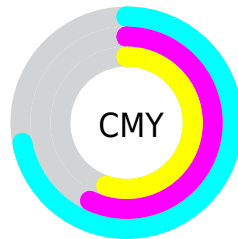
- Red (28%)
- Green (43%)
- Blue (45%)



- Red (28%)
- Yellow (36%)
- Blue (45%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486E74 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 486E74 by changing the saturation by 10% instead.



486E74



486E74

FFFFFF



30565B



7BA2A8



173E44



95BDC3



00282E



B0D8DF



001519



CCF5FC



000000



E8FFFF



486E74



486E74



3C6C74



547074



316B74



5F7174

■ 256974

■ 6B7374

■ 1A6874

■ 767474

■ 0E6674

■ 827674

■ 026574

■ 8E7774

■ 006474

■ 997974

■ A57B74

■ B07C74

Harmonies

Analogous

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



4B6F69



486E74



4E6C7C

Triad

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



486E74



786173



706751

Complementary

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



486E74



744E48

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.



7A6454



486E74



7F6067

Square

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



486E74



6B647B



7F615C



636B54

Rectangle

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



486E74



576A7F



7F615C



736651

Sweetspot

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



486E74



869496



48744E



434B4D



CCCCCC



4D4D4D

Same Dimension

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



486E74



518D96



485874



353A3B



006A7A



00D8FA

Inverse Universe

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



74486E



96518D



746448



3B353A



7A006A



FA00D8

Previews

White Background



This preview shows how the Hex color 486E74 looks on a white background.

Color Contrast Check

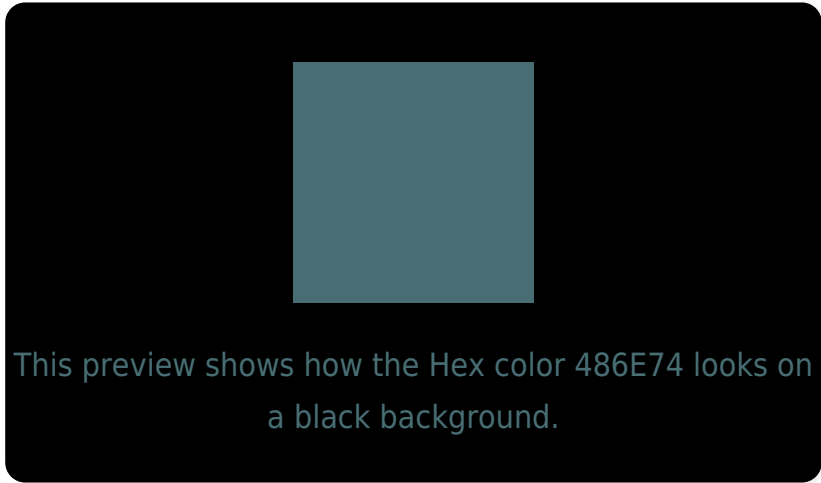
Large Text (above 18pt) WCAG AA ✓ Pass

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

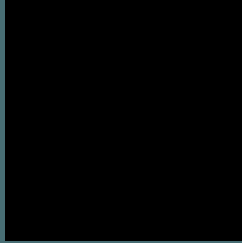
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

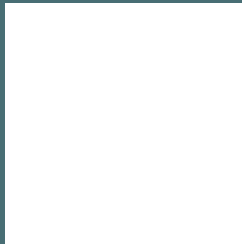
Any Text WCAG AAA × Fail

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

Hex 486E74 Background



This preview shows how black text looks on a background with the Hex color 486E74.

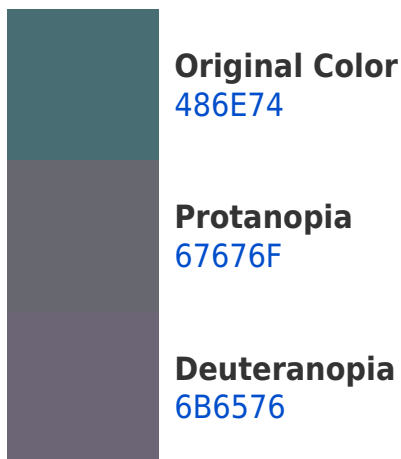


This preview shows how white text looks on a background with the Hex color 486E74.

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](#).

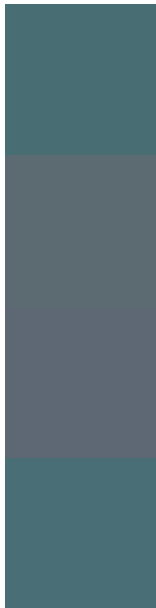
Dichromacy





Tritanopia
496E76

Trichromacy



Original Color
486E74

Protanomaly
5C6A71

Deuteranomaly
5E6875

Tritanomaly
496E75

Monochromacy



Original Color
486E74

Achromatopsia
636363

Achromatomaly
596769

CSS Examples

Text

The CSS property to change the color of the text to Hex 486E74 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 #486E74 looks like.

```
.text, #text, p{  
    color:#486E74  
}
```

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 #486E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486E74  
}
```

Border

The CSS property to change the border of an element to Hex 486E74 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  
#486E74 }
```

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

```
.border{ border-color:#486E74 }
```

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

Here you see how a box with a 4 pixel #486E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486E74; -webkit-box-shadow:4px 4px  
4px 4px #486E74; box-shadow:4px 4px 4px  
4px #486E74 }
```

Background

The CSS property to change the background color of an element to Hex 486E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486E74 }
```

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

```
.background{ background-color:#486E74 }
```

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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