

Converting Colors

Hex(486E81)

Have a look what the booklet for
Hex(486E81) contains.

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Color

Hex(486E81)

Conversions

Conversions Part 1

Format	Color
Hex	486E81
RGB	72, 110, 129
RGB Percent	28%, 43%, 51%
CMY	0.7176, 0.5686, 0.4941
CMYK	0.44, 0.15, 0.00, 0.49
HSL	200°, 28%, 39%
HSV	200°, 44%, 51%
XYZ	12.2109, 14.1146, 22.8497
YIQ	100.8040, -28.7470, -2.1470

Conversions

Conversions Part 2

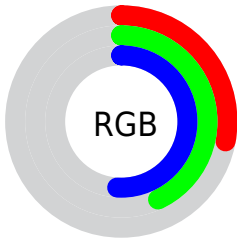
Format	Color
R_{YB}	72, 95, 129
Decimal	4746881
CIE Lab	44.40, -8.04, -14.72
CIE LCh	44, 16.770, 241.362
Yxy	14.1146, 0.2483, 0.2870
Android (android.graphics.Color)	4282936961 (0xFF486E81)
YUV	100.8040, 13.9006, -25.2611
Hunter-Lab	37.5693, -7.7299, -9.7616

Details

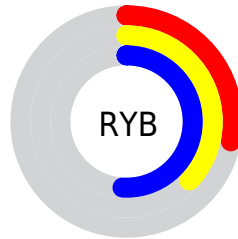
The Hex color **486E81** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **815B48**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7BA2B6**, and **143E50** is the 20% darker color. If you saturate the color by 10%, you get **3B6A81**, and if you desaturate by 10%, it is **557281**.

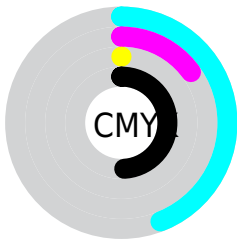
Distribution



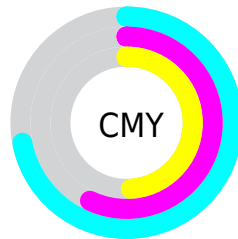
- Red (28%)
- Green (43%)
- Blue (51%)



- Red (28%)
- Yellow (37%)
- Blue (51%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (49%)



- Cyan (72%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486E81 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 486E81 by changing the saturation by 10% instead.



486E81



486E81

FFFFFF



2F5668



7BA2B6



143E50



96BDD1



002939



B1D8EE



001523



CDF5FF



00000C



EAFFFF



000000



486E81



486E81



3B6A81



557281



2E6581



627781

■ 216181

■ 6F7B81

■ 145D81

■ 7C7F81

■ 075981

■ 898481

■ 005681

■ 958881

■ A28C81

■ AF9081

■ BC9581

Harmonies

Analogous

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



417077



486E81



596A85

Triad

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



486E81



845F69



646D51

Complementary

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



486E81



815B48

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.



73684D



486E81



85605B

Square

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



486E81



7C6177



7F6451



54705B

Rectangle

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



486E81



666783



7F6451



696B4F

Sweetspot

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



486E81



92A1A8



48815B



475054



D4D4D4



545454

Same Dimension

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



486E81



4F8BA8



485281



393E40



005580



000000

Inverse Universe

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



81486E



A84F8B



817748



40393E



800055



000000

Previews

White Background



This preview shows how the Hex color 486E81 looks on a white background.

Color Contrast Check

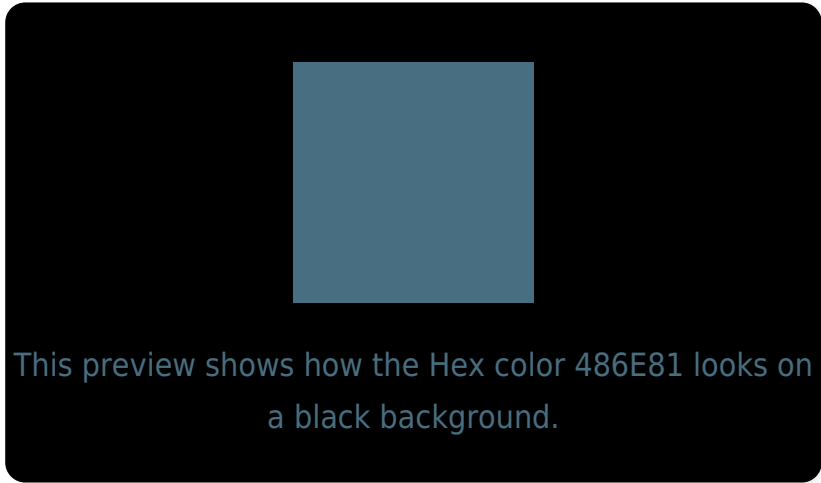
Large Text (above 18pt) WCAG AA ✓ Pass

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

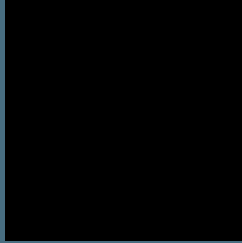
Any Text WCAG AA × Fail

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 486E81 Background



This preview shows how black text looks on a background with the Hex color 486E81.

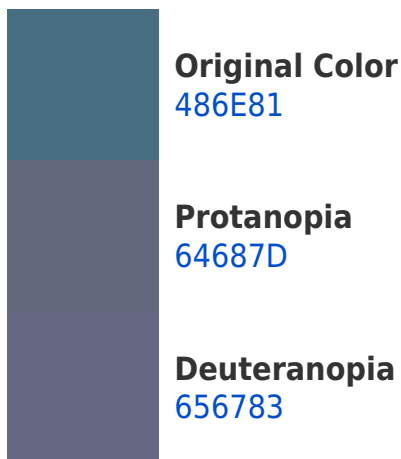



This preview shows how white text looks on a background with the Hex color 486E81.

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
466F78

Trichromacy



Original Color
486E81

Protanomaly
5A6A7E

Deuteranomaly
5A6A82

Tritanomaly
476F7B

Monochromacy



Original Color
486E81

Achromatopsia
656565

Achromatomaly
5A686F

CSS Examples

Text

The CSS property to change the color of the text to Hex 486E81 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 #486E81 looks like.

```
.text, #text, p{  
    color:#486E81  
}
```

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 #486E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486E81
}
```

Border

The CSS property to change the border of an element to Hex 486E81 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
#486E81 }
```

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

```
.border{ border-color:#486E81 }
```

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

Here you see how a box with a 4 pixel #486E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486E81; -webkit-box-shadow:4px 4px  
4px 4px #486E81; box-shadow:4px 4px 4px  
4px #486E81 }
```

Background

The CSS property to change the background color of an element to Hex 486E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486E81 }
```

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

```
.background{ background-color:#486E81 }
```

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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