

Converting Colors

Hex(486180)

Have a look what the booklet for
Hex(486180) contains.

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Color

Hex(486180)

Conversions

Conversions Part 1

Format	Color
Hex	486180
RGB	72, 97, 128
RGB Percent	28%, 38%, 50%
CMY	0.7176, 0.6196, 0.4980
CMYK	0.44, 0.24, 0.00, 0.50
HSL	213°, 28%, 39%
HSV	213°, 44%, 50%
XYZ	10.8435, 11.4856, 22.0675
YIQ	93.0590, -24.8510, 4.3410

Conversions

Conversions Part 2

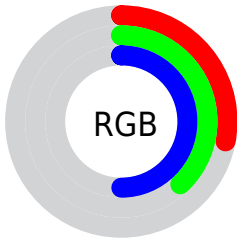
Format	Color
R_{YB}	72, 89, 128
Decimal	4743552
CIE Lab	40.39, -0.54, -20.26
CIE LCh	40, 20.268, 268.459
Yxy	11.4856, 0.2442, 0.2587
Android (android.graphics.Color)	4282933632 (0xFF486180)
YUV	93.0590, 17.2259, -18.4687
Hunter-Lab	33.8904, -2.1961, -14.8829

Details

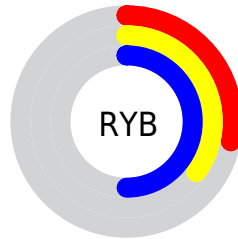
The Hex color **486180** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **806748**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7B93B5**, and **16334F** is the 20% darker color. If you saturate the color by 10%, you get **3B5A80**, and if you desaturate by 10%, it is **556880**.

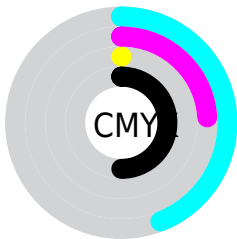
Distribution



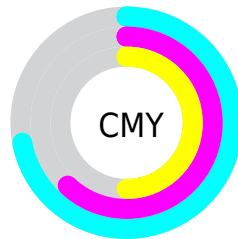
- Red (28%)
- Green (38%)
- Blue (50%)



- Red (28%)
- Yellow (35%)
- Blue (50%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)
- Black (50%)



- Cyan (72%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486180 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 486180 by changing the saturation by 10% instead.

■ 486180

■ 486180

FFFFFF

■ 2F4967

■ 7B93B5

■ 16334F

■ 96AED1

■ 001E38

■ B1C9ED

■ 000422

■ CDE5FF

■ 000009

■ E9FFFF

■ 000000

■ 486180

■ 486180

■ 3B5A80

■ 556880

■ 2E5380

■ 626F80

■ 224C80

■ 6E7680

■ 154580

■ 7B7D80

■ 083E80

■ 888480

■ 003980

■ 958C80

■ A29380

■ AE9A80

■ BBA180

Harmonies

Analogous

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



31657B



486180



605B7C

Triad

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



486180



805450



47674D

Complementary

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



486180



806748

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.



5A6342



486180



795844

Square

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



486180



7E5361



6C5E3E



34685E

Rectangle

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



486180



6E5775



6C5E3E



4D6649

Sweetspot

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



486180



909AA6



488067



474D54



D4D4D4



545454

Same Dimension

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



486180



4E75A6



4B4880



393C40



003980



000000

Inverse Universe

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



804861



A64E75



7D8048



40393C



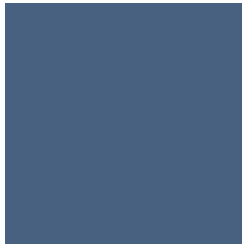
800039



000000

Previews

White Background



This preview shows how the Hex color 486180 looks on a white background.

Color Contrast Check

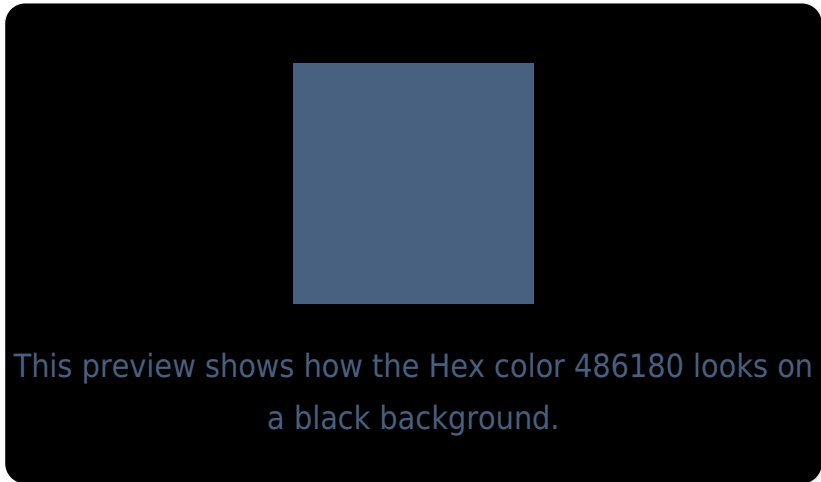
Large Text (above 18pt) WCAG AA ✓ Pass

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

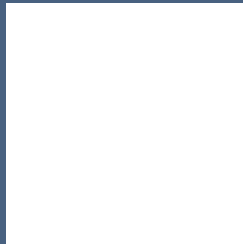
Any Text WCAG AAA × Fail

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

Hex 486180 Background



This preview shows how black text looks on a background with the Hex color 486180.

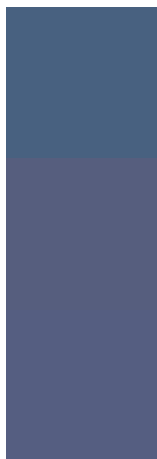


This preview shows how white text looks on a background with the Hex color 486180.

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



Original Color
486180

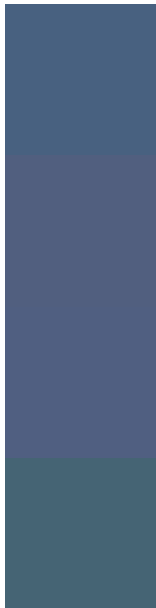
Protanopia
565E7E

Deuteranopia
555E81



Tritanopia
43656D

Trichromacy



Original Color
486180

Protanomaly
515F7F

Deuteranomaly
505F81

Tritanomaly
456474

Monochromacy



Original Color
486180

Achromatopsia
5D5D5D

Achromatomaly
555E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 486180 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 #486180 looks like.

```
.text, #text, p{  
    color:#486180  
}
```

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 #486180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486180
}
```

Border

The CSS property to change the border of an element to Hex 486180 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
#486180 }
```

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

```
.border{ border-color:#486180 }
```

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

Here you see how a box with a 4 pixel #486180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486180; -webkit-box-shadow:4px 4px  
4px 4px #486180; box-shadow:4px 4px 4px  
4px #486180 }
```

Background

The CSS property to change the background color of an element to Hex 486180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486180 }
```

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

```
.background{ background-color:#486180 }
```

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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