

Converting Colors

Hex(446C80)

Have a look what the booklet for
Hex(446C80) contains.

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Color

Hex(446C80)

Conversions

Conversions Part 1

Format	Color
Hex	446C80
RGB	68, 108, 128
RGB Percent	27%, 42%, 50%
CMY	0.7333, 0.5765, 0.4980
CMYK	0.47, 0.16, 0.00, 0.50
HSL	200°, 31%, 38%
HSV	200°, 47%, 50%
XYZ	11.6427, 13.5126, 22.4166
YIQ	98.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

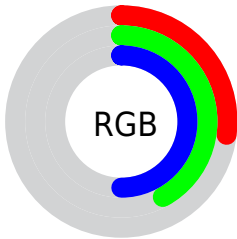
Format	Color
R_{YB}	68, 92, 128
Decimal	4484224
CIE _{Lab}	43.53, -8.26, -15.47
CIE _{LCh}	44, 17.532, 241.900
Yxy	13.5126, 0.2447, 0.2840
Android (android.graphics.Color)	4282674304 (0xFF446C80)
YUV	98.3200, 14.6322, -26.5906
Hunter-Lab	36.7595, -7.7932, -10.4246

Details

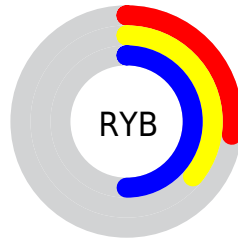
The Hex color **446C80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **805844**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **779FB5**, and **0E3D4F** is the 20% darker color. If you saturate the color by 10%, you get **376880**, and if you desaturate by 10%, it is **517080**.

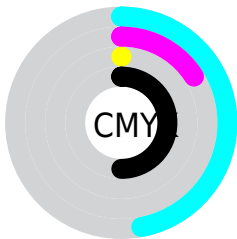
Distribution



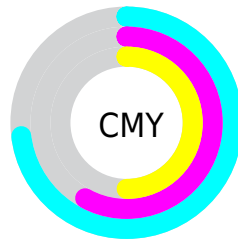
- Red (27%)
- Green (42%)
- Blue (50%)



- Red (27%)
- Yellow (36%)
- Blue (50%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446C80 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 446C80 by changing the saturation by 10% instead.

■ 446C80

■ 446C80

FFFFFF

■ 2B5467

■ 779FB5

■ 0E3D4F

■ 92BAD0

■ 002738

■ ADD6ED

■ 001322

■ C9F2FF

■ 00000A

■ E6FFFF

■ 000000

■ 446C80

■ 446C80

■ 376880

■ 517080

■ 2A6380

■ 5E7580

■ 1E5F80

■ 6A7980

■ 115B80

■ 777D80

■ 045780

■ 848180

■ 005580

■ 918680

■ 9E8A80

■ AA8E80

■ B79280

Harmonies

Analogous

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



3C6E76



446C80



566884

Triad

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



446C80



835C66



616B4E

Complementary

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



446C80



805844

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.



71664A



446C80



845D58

Square

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



446C80



7A5E75



7D614E



506E59

Rectangle

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



446C80



646482



7D614E



66694C

Sweetspot

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



446C80



8F9EA6



448058



464F54



D4D4D4



545454

Same Dimension

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



446C80



4987A6



444E80



393E40



005580



000000

Inverse Universe

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



80446C



A64987



807644



40393E



800055



000000

Previews

White Background



This preview shows how the Hex color 446C80 looks on a white background.

Color Contrast Check

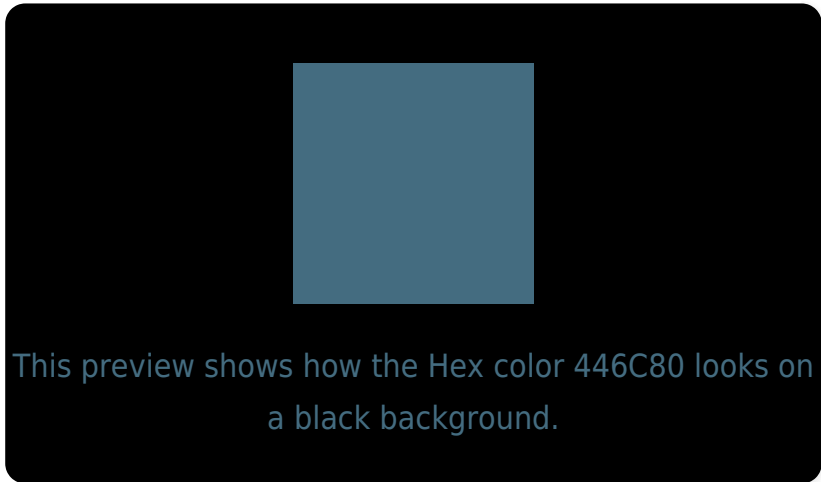
Large Text (above 18pt) WCAG AA ✓ Pass

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

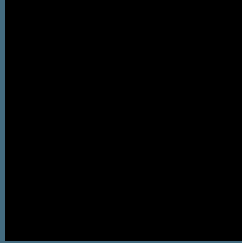
Any Text WCAG AA × Fail

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 446C80 Background



This preview shows how black text looks on a background with the Hex color 446C80.

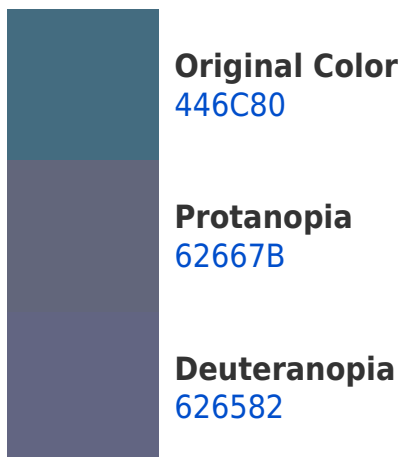


This preview shows how white text looks on a background with the Hex color 446C80.

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](#).

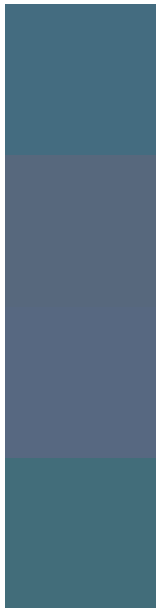
Dichromacy





Tritanopia
416E76

Trichromacy



Original Color
446C80

Protanomaly
57687D

Deuteranomaly
576881

Tritanomaly
426D7A

Monochromacy



Original Color
446C80

Achromatopsia
626262

Achromatomaly
57666D

CSS Examples

Text

The CSS property to change the color of the text to Hex 446C80 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 #446C80 looks like.

```
.text, #text, p{  
    color:#446C80  
}
```

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 #446C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446C80
}
```

Border

The CSS property to change the border of an element to Hex 446C80 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
#446C80 }
```

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

```
.border{ border-color:#446C80 }
```

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

Here you see how a box with a 4 pixel #446C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446C80; -webkit-box-shadow:4px 4px  
4px 4px #446C80; box-shadow:4px 4px 4px  
4px #446C80 }
```

Background

The CSS property to change the background color of an element to Hex 446C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446C80 }
```

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

```
.background{ background-color:#446C80 }
```

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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