

Converting Colors

Hex(446E78)

Have a look what the booklet for
Hex(446E78) contains.

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Color

Hex(446E78)

Conversions

Conversions Part 1

Format	Color
Hex	446E78
RGB	68, 110, 120
RGB Percent	27%, 43%, 47%
CMY	0.7333, 0.5686, 0.5294
CMYK	0.43, 0.08, 0.00, 0.53
HSL	192°, 28%, 37%
HSV	192°, 43%, 47%
XYZ	11.3500, 13.7369, 19.8226
YIQ	98.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

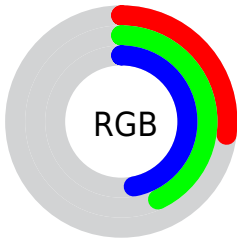
Format	Color
R_{YB}	68, 91, 120
Decimal	4484728
CIE _{Lab}	43.85, -11.77, -10.16
CIE _{LCh}	44, 15.545, 220.797
Yxy	13.7369, 0.2527, 0.3059
Android (android.graphics.Color)	4282674808 (0xFF446E78)
YUV	98.5820, 10.5591, -26.8204
Hunter-Lab	37.0633, -10.1982, -5.7658

Details

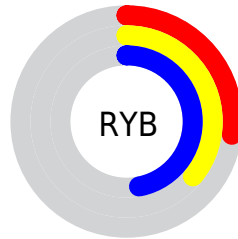
The Hex color **446E78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784E44**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **77A2AC**, and **103E48** is the 20% darker color. If you saturate the color by 10%, you get **386C78**, and if you desaturate by 10%, it is **507078**.

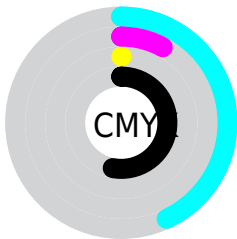
Distribution



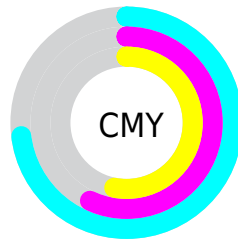
- Red (27%)
- Green (43%)
- Blue (47%)



- Red (27%)
- Yellow (36%)
- Blue (47%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (73%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446E78 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 446E78 by changing the saturation by 10% instead.



446E78



446E78

FFFFFF



2B565F



77A2AC



103E48



91BDC8



002831



ADD8E4



00151C



C9F5FF



000000



E5FFFF



446E78



446E78



386C78



507078



2C6978



5C7378

■ 206778

■ 687578

■ 146578

■ 747778

■ 086278

■ 807A78

■ 006178

■ 8C7C78

■ 987E78

■ A48078

■ B08378

Harmonies

Analogous

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



456F6C



446E78



4E6B80

Triad

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



446E78



7C5F70



6D684E

Complementary

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



446E78



784E44

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.



796450



446E78



825E63

Square

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



446E78



70637B



816057



5E6C54

Rectangle

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



446E78



596981



816057



71674E

Sweetspot

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



446E78



87989C



44784E



424D4F



CFCFCF



4F4F4F

Same Dimension

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



446E78



4B8C9C



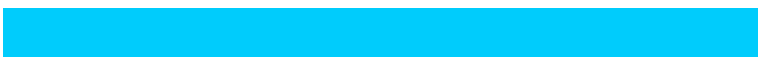
445478



373C3D



00657D



00CCFC

Inverse Universe

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



78446E



9C4B8C



786844



3D373C



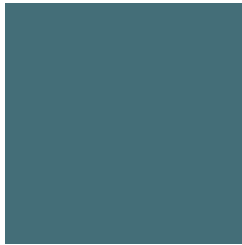
7D0065



FC00CC

Previews

White Background



This preview shows how the Hex color 446E78 looks on a white background.

Color Contrast Check

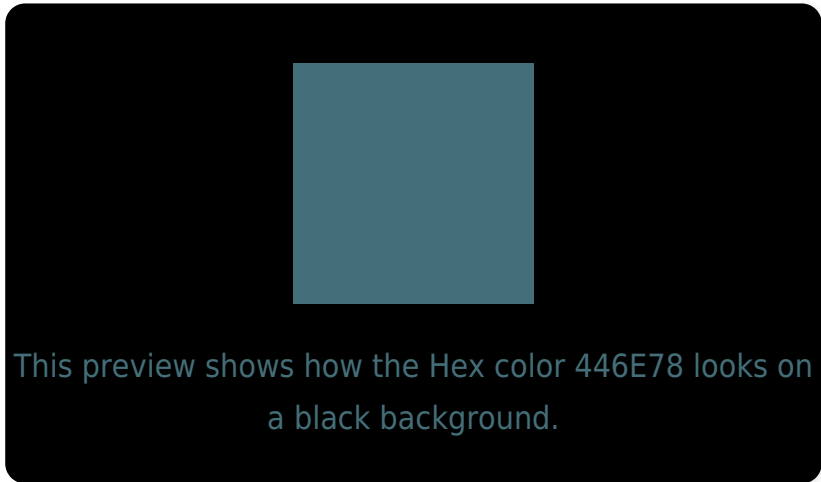
Large Text (above 18pt) WCAG AA ✓ Pass

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

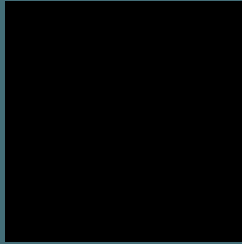
Any Text WCAG AA × Fail

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 446E78 Background



This preview shows how black text looks on a background with the Hex color 446E78.

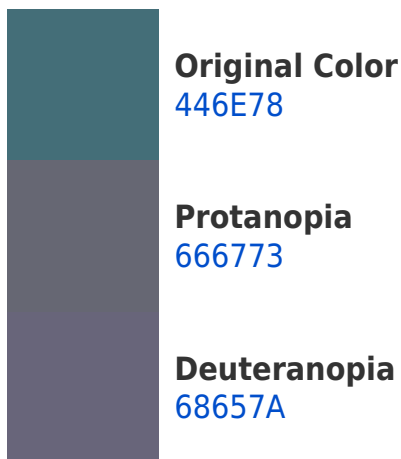


This preview shows how white text looks on a background with the Hex color 446E78.

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](#).

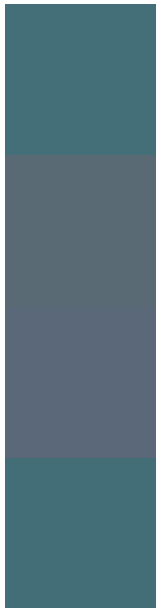
Dichromacy





Tritanopia
446E77

Trichromacy



Original Color

446E78

Protanomaly

5A6A75

Deuteranomaly

5B6879

Tritanomaly

446E77

Monochromacy



Original Color

446E78

Achromatopsia

636363

Achromatomaly

58676B

CSS Examples

Text

The CSS property to change the color of the text to Hex 446E78 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 #446E78 looks like.

```
.text, #text, p{  
    color:#446E78  
}
```

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 #446E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446E78
}
```

Border

The CSS property to change the border of an element to Hex 446E78 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
#446E78 }
```

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

```
.border{ border-color:#446E78 }
```

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

Here you see how a box with a 4 pixel #446E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446E78; -webkit-box-shadow:4px 4px  
4px 4px #446E78; box-shadow:4px 4px 4px  
4px #446E78 }
```

Background

The CSS property to change the background color of an element to Hex 446E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446E78 }
```

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

```
.background{ background-color:#446E78 }
```

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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