

Converting Colors

Hex(446E71)

Have a look what the booklet for
Hex(446E71) contains.

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Color

Hex(446E71)

Conversions

Conversions Part 1

Format	Color
Hex	446E71
RGB	68, 110, 113
RGB Percent	27%, 43%, 44%
CMY	0.7333, 0.5686, 0.5569
CMYK	0.40, 0.03, 0.00, 0.56
HSL	184°, 25%, 35%
HSV	184°, 40%, 44%
XYZ	10.9405, 13.5731, 17.6660
YIQ	97.7840, -25.9950, -7.9710

Conversions

Conversions Part 2

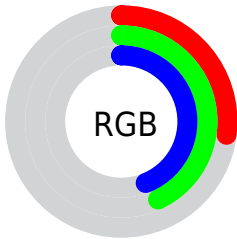
Format	Color
R_{YB}	68, 90, 113
Decimal	4484721
CIE _{Lab}	43.61, -13.74, -6.30
CIE _{LCh}	44, 15.112, 204.636
Yxy	13.5731, 0.2594, 0.3218
Android (android.graphics.Color)	4282674801 (0xFF446E71)
YUV	97.7840, 7.5015, -26.1206
Hunter-Lab	36.8416, -11.4656, -2.6412

Details

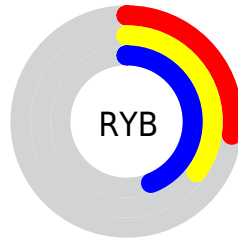
The Hex color **446E71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714744**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **77A2A5**, and **123E41** is the 20% darker color. If you saturate the color by 10%, you get **396D71**, and if you desaturate by 10%, it is **4F6F71**.

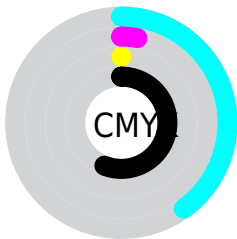
Distribution



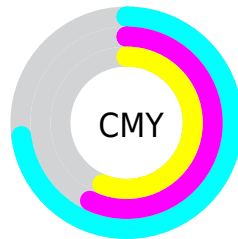
- Red (27%)
- Green (43%)
- Blue (44%)



- Red (27%)
- Yellow (35%)
- Blue (44%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446E71 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 446E71 by changing the saturation by 10% instead.

■ 446E71

■ 446E71

FFFFFF

■ 2B5659

■ 77A2A5

■ 123E41

■ 91BDC0

■ 00282B

■ ACD9DC

■ 001517

■ C8F5F8

■ 000000

■ E4FFFF

■ 446E71

■ 446E71

■ 396D71

■ 4F6F71

■ 2D6C71

■ 5B7071

■ 226C71

■ 667071

■ 176B71

■ 717171

■ 0B6A71

■ 7D7271

■ 006971

■ 887371

■ 937371

■ 9E7471

■ AA7571

Harmonies

Analogous

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



4B6E64



446E71



486C7B

Triad

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



446E71



756176



73654E

Complementary

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



446E71



714744

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.



7D6153



446E71



7F5E6A

Square

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



446E71



66657E



815F5D



666950

Rectangle

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



446E71



506A7F



815F5D



76644F

Sweetspot

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



446E71



829394



447147



40494A



C9C9C9



4A4A4A

Same Dimension

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



446E71



4D8F94



445871



323838



007078



00E7F7

Inverse Universe

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



71446E



944D8F



715E44



383238



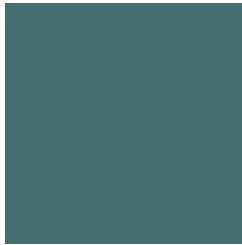
780070



F700E7

Previews

White Background



This preview shows how the Hex color 446E71 looks on a white background.

Color Contrast Check

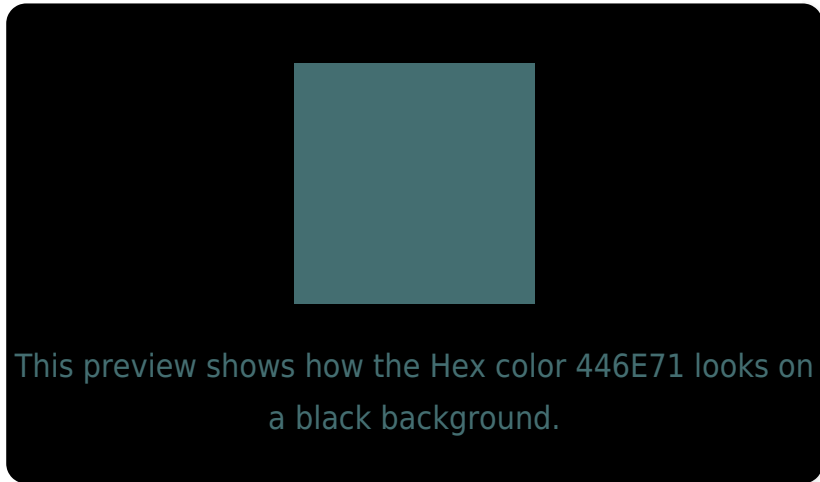
Large Text (above 18pt) WCAG AA ✓ Pass

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

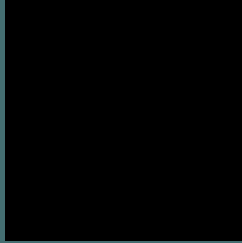
Any Text WCAG AA × Fail

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 446E71 Background



This preview shows how black text looks on a background with the Hex color 446E71.

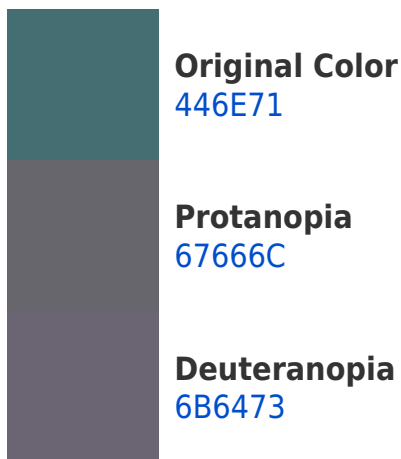



This preview shows how white text looks on a background with the Hex color 446E71.

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](#).

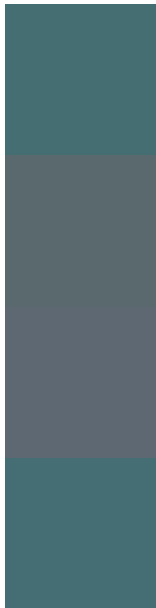
Dichromacy





Tritanopia
456D76

Trichromacy



Original Color
446E71

Protanomaly
5A696E

Deuteranomaly
5D6872

Tritanomaly
456D74

Monochromacy



Original Color
446E71

Achromatopsia
626262

Achromatomaly
576667

CSS Examples

Text

The CSS property to change the color of the text to Hex 446E71 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 #446E71 looks like.

```
.text, #text, p{  
    color:#446E71  
}
```

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 #446E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446E71  
}
```

Border

The CSS property to change the border of an element to Hex 446E71 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  
#446E71 }
```

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

```
.border{ border-color:#446E71 }
```

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

Here you see how a box with a 4 pixel #446E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446E71; -webkit-box-shadow:4px 4px  
4px 4px #446E71; box-shadow:4px 4px 4px  
4px #446E71 }
```

Background

The CSS property to change the background color of an element to Hex 446E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446E71 }
```

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

```
.background{ background-color:#446E71 }
```

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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