

Converting Colors

Hex(476A72)

Have a look what the booklet for
Hex(476A72) contains.

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Color

Hex(476A72)

Conversions

Conversions Part 1

Format	Color
Hex	476A72
RGB	71, 106, 114
RGB Percent	28%, 42%, 45%
CMY	0.7216, 0.5843, 0.5529
CMYK	0.38, 0.07, 0.00, 0.55
HSL	191°, 23%, 36%
HSV	191°, 38%, 45%
XYZ	10.7898, 12.8626, 17.8336
YIQ	96.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

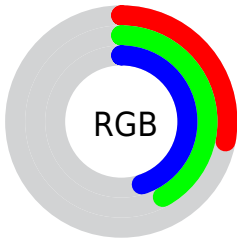
Format	Color
RYB	71, 90, 114
Decimal	4680306
CIELab	42.56, -10.29, -8.47
CIELCh	43, 13.330, 219.445
Yxy	12.8626, 0.2601, 0.3100
Android (android.graphics.Color)	4282870386 (0xFF476A72)
YUV	96.4470, 8.6536, -22.3170
Hunter-Lab	35.8644, -9.0609, -4.3769

Details

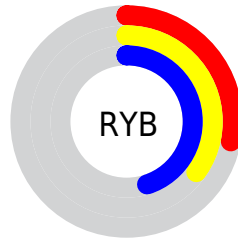
The Hex color **476A72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **724F47**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **799DA6**, and **173B42** is the 20% darker color. If you saturate the color by 10%, you get **3C6872**, and if you desaturate by 10%, it is **526C72**.

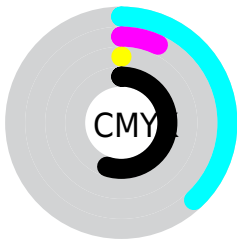
Distribution



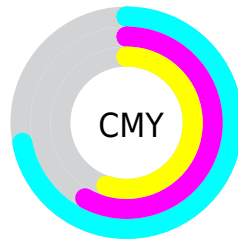
- Red (28%)
- Green (42%)
- Blue (45%)



- Red (28%)
- Yellow (35%)
- Blue (45%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476A72 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 476A72 by changing the saturation by 10% instead.

476A72

476A72

FFFFFF

2F525A

799DA6

173B42

94B8C1

00252C

AFD4DD

001118

CAF0F9

000000

E7FFFF

476A72

476A72

3C6872

526C72

306672

5E6E72

■ 256472

■ 697072

■ 196272

■ 757272

■ 0E5F72

■ 807572

■ 035D72

■ 8B7772

■ 005D72

■ 977972

■ A27B72

■ AE7D72

Harmonies

Analogous

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



486B68



476A72



4F6879

Triad

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



476A72



765E6C



69654F

Complementary

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



476A72



724F47

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.



746150



476A72



7B5D61

Square

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



476A72



6B6175



7A5E57



5D6853

Rectangle

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



476A72



58657A



7A5E57



6D644F

Sweetspot

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



476A72



849194



47724F



40484A



C9C9C9



4A4A4A

Same Dimension

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



476A72



518894



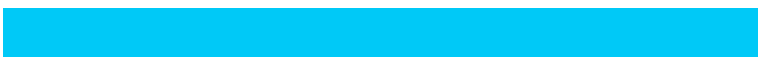
475572



323738



006278



00C9F7

Inverse Universe

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



72476A



945188



726447



383237



780062



F700C9

Previews

White Background



This preview shows how the Hex color 476A72 looks on a white background.

Color Contrast Check

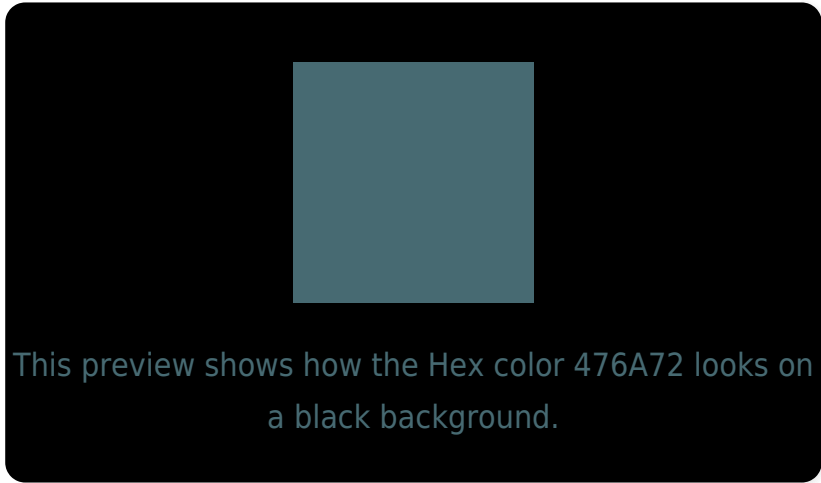
Large Text (above 18pt) WCAG AA ✓ Pass

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

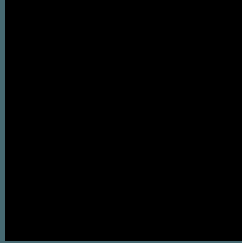
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

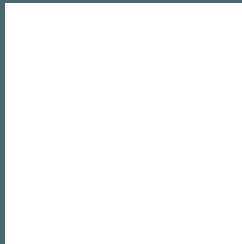
Any Text WCAG AAA × Fail

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

Hex 476A72 Background



This preview shows how black text looks on a background with the Hex color 476A72.



This preview shows how white text looks on a background with the Hex color 476A72.

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
476A72

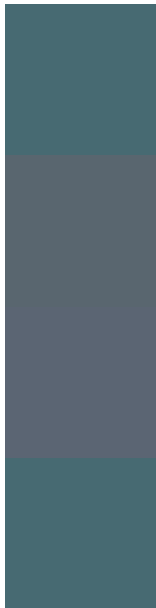
Protanopia
63636E

Deuteranopia
666274



Tritanopia
476A72

Trichromacy



Original Color
476A72

Protanomaly
59666F

Deuteranomaly
5B6573

Tritanomaly
476A72

Monochromacy



Original Color
476A72

Achromatopsia
606060

Achromatomaly
576467

CSS Examples

Text

The CSS property to change the color of the text to Hex 476A72 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 #476A72 looks like.

```
.text, #text, p{  
    color:#476A72  
}
```

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 #476A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476A72
}
```

Border

The CSS property to change the border of an element to Hex 476A72 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
#476A72 }
```

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

```
.border{ border-color:#476A72 }
```

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

Here you see how a box with a 4 pixel #476A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476A72; -webkit-box-shadow:4px 4px  
4px 4px #476A72; box-shadow:4px 4px 4px  
4px #476A72 }
```

Background

The CSS property to change the background color of an element to Hex 476A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476A72 }
```

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

```
.background{ background-color:#476A72 }
```

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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awesome pro features!

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