

Converting Colors

Hex(46626E)

Have a look what the booklet for
Hex(46626E) contains.

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Color

Hex(46626E)

Conversions

Conversions Part 1

Format	Color
Hex	46626E
RGB	70, 98, 110
RGB Percent	27%, 38%, 43%
CMY	0.7255, 0.6157, 0.5686
CMYK	0.36, 0.11, 0.00, 0.57
HSL	198°, 22%, 35%
HSV	198°, 36%, 43%
XYZ	9.7079, 11.1632, 16.3949
YIQ	90.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

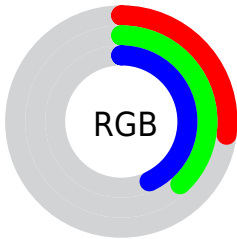
Format	Color
R_{YB}	70, 86, 110
Decimal	4612718
CIE _{Lab}	39.85, -7.03, -10.10
CIE _{LCh}	40, 12.306, 235.170
Yxy	11.1632, 0.2605, 0.2996
Android (android.graphics.Color)	4282802798 (0xFF46626E)
YUV	90.9960, 9.3690, -18.4135
Hunter-Lab	33.4114, -6.6055, -5.7054

Details

The Hex color **46626E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E5246**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7895A2**, and **17343E** is the 20% darker color. If you saturate the color by 10%, you get **3B5F6E**, and if you desaturate by 10%, it is **51656E**.

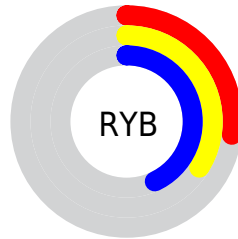
Distribution



Red (27%)

Green (38%)

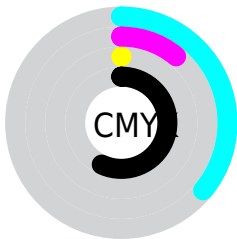
Blue (43%)



Red (27%)

Yellow (34%)

Blue (43%)

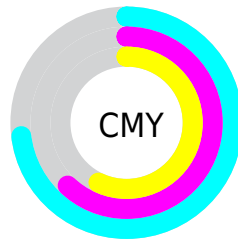


Cyan (36%)

Magenta (11%)

Yellow (0%)

Black (57%)



Cyan (73%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46626E 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 46626E by changing the saturation by 10% instead.

46626E

46626E

FFFFFF

2E4A56

7895A2

17343E

92AFBD

001E29

ADCBD8

000115

C9E7F5

000000

E5FFFF

46626E

46626E

3B5F6E

51656E

305B6E

5C696E

■ 25586E

■ 676C6E

■ 1A556E

■ 726F6E

■ 0F516E

■ 7D736E

■ 044E6E

■ 88766E

■ 004D6E

■ 93796E

■ 9E7C6E

■ A9806E

Harmonies

Analogous

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



436466



46626E



505F72

Triad

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



46626E



715760



5D604C

Complementary

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



46626E



6E5246

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.



675D4A



46626E



735756

Square

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



46626E



695969



6F594E



516252

Rectangle

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



46626E



595D71



6F594E



605F4B

Sweetspot

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



46626E



7F8A8F



466E52



3E4547



C7C7C7



474747

Same Dimension

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



46626E



507C8F



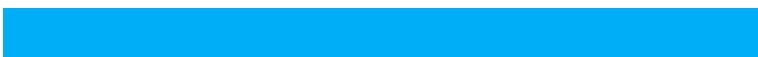
464E6E



323638



005478



00ADF7

Inverse Universe

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



6E4662



8F507C



6E6646



383236



780054



F700AD

Previews

White Background



This preview shows how the Hex color 46626E looks on a white background.

Color Contrast Check

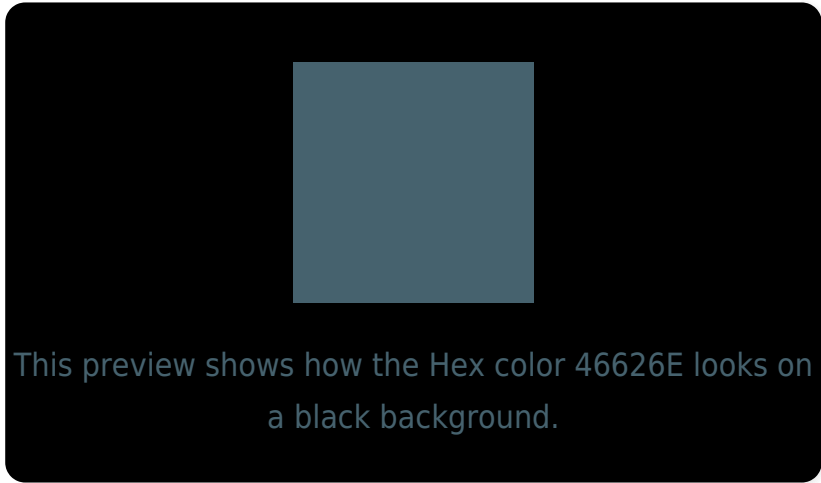
Large Text (above 18pt) WCAG AA ✓ Pass

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

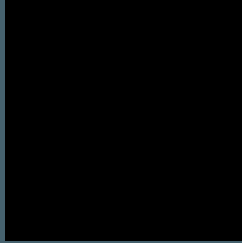
Any Text WCAG AA × Fail

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 46626E Background



This preview shows how black text looks on a background with the Hex color 46626E.

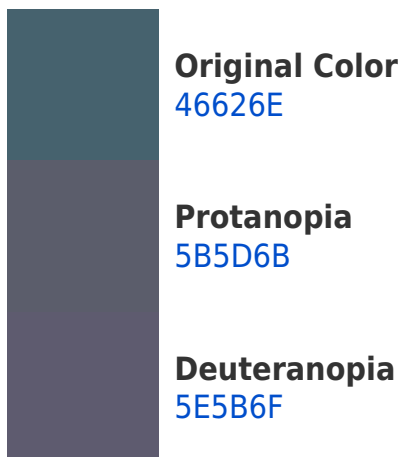



This preview shows how white text looks on a background with the Hex color 46626E.

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](#).

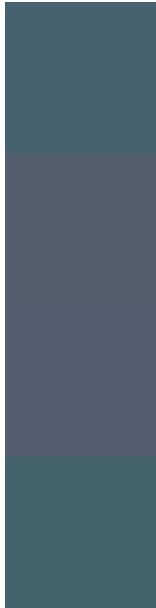
Dichromacy





Tritanopia
45636A

Trichromacy



Original Color
46626E

Protanomaly
535F6C

Deuteranomaly
555E6F

Tritanomaly
45636B

Monochromacy



Original Color
46626E

Achromatopsia
5B5B5B

Achromatomaly
535E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 46626E 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 #46626E looks like.

```
.text, #text, p{  
    color:#46626E  
}
```

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 #46626E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46626E
}
```

Border

The CSS property to change the border of an element to Hex 46626E is called "border". The border property can be set on classes, ids or directly on the HTML element.

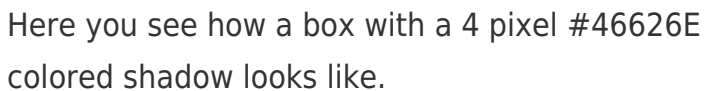
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46626E }
```

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

```
.border{ border-color:#46626E }
```

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



Here you see how a box with a 4 pixel #46626E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46626E; -webkit-box-shadow:4px 4px  
4px 4px #46626E; box-shadow:4px 4px 4px  
4px #46626E }
```

Background

The CSS property to change the background color of an element to Hex 46626E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46626E }
```

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

```
.background{ background-color:#46626E }
```

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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