

Converting Colors

Hex(426E62)

Have a look what the booklet for
Hex(426E62) contains.

Hex(426E62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(426E62)

Conversions

Conversions Part 1

Format	Color
Hex	426E62
RGB	66, 110, 98
RGB Percent	26%, 43%, 38%
CMY	0.7412, 0.5686, 0.6157
CMYK	0.40, 0.00, 0.11, 0.57
HSL	164°, 25%, 35%
HSV	164°, 40%, 43%
XYZ	10.0273, 13.1920, 13.5731
YIQ	95.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

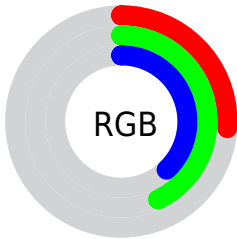
Format	Color
RYB	66, 91, 110
Decimal	4353634
CIELab	43.05, -18.27, 1.90
CIElCh	43, 18.372, 174.053
Yxy	13.1920, 0.2725, 0.3586
Android (android.graphics.Color)	4282543714 (0xFF426E62)
YUV	95.4760, 1.2443, -25.8505
Hunter-Lab	36.3207, -14.2816, 3.2678

Details

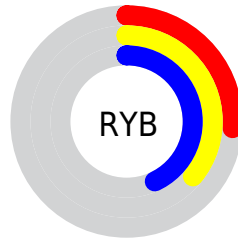
The Hex color **426E62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E424E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **74A295**, and **113E34** is the 20% darker color. If you saturate the color by 10%, you get **376E5F**, and if you desaturate by 10%, it is **4D6E65**.

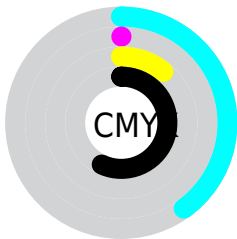
Distribution



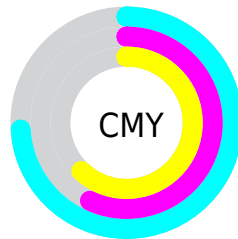
- Red (26%)
- Green (43%)
- Blue (38%)



- Red (26%)
- Yellow (36%)
- Blue (43%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (57%)



- Cyan (74%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426E62 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 426E62 by changing the saturation by 10% instead.



426E62



426E62

FFFFFF



2A554A



74A295



113E34



8EBDAF



00281F



A9D9CB



001306



C5F5E7



000000



E1FFFF

FEFFFF



426E62



426E62



376E5F



4D6E65

■ 2C6E5C

■ 586E68

■ 216E59

■ 636E6B

■ 166E56

■ 6E6E6E

■ 0B6E53

■ 796E71

■ 006E50

■ 846E74

■ 8F6E77

■ 9A6E7A

■ A56E7D

Harmonies

Analogous

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



526C53



426E62



386E71

Triad

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



426E62



646381



7F5F4E

Complementary

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



426E62



6E424E

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.



845B5A



426E62



765E78

Square

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



426E62



4E6884



825B69



746448

Rectangle

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



426E62



396D7A



825B69



825D51

Sweetspot

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



426E62



7E8F8A



4E6E42



3D4745



C7C7C7



474747

Same Dimension

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



426E62



4A8F7C



42646E



323837



007857



00F7B4

Inverse Universe

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



6E424E



8F4A5D



6E4C42



383234



780021



F70043

Previews

White Background



This preview shows how the Hex color 426E62 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

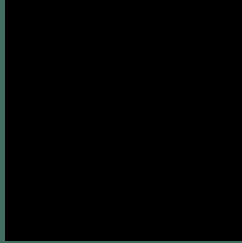
Any Text WCAG AA × Fail

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 426E62 Background



This preview shows how black text looks on a background with the Hex color 426E62.

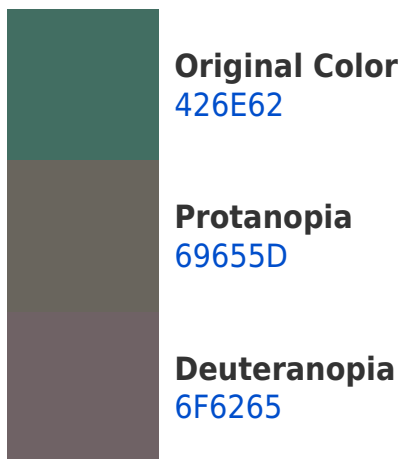


This preview shows how white text looks on a background with the Hex color 426E62.

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](#).

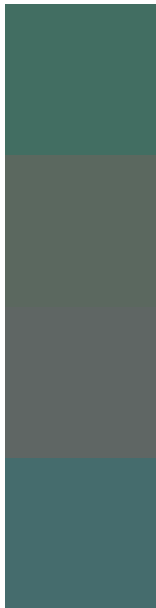
Dichromacy





Tritanopia
476B74

Trichromacy



Original Color
426E62

Protanomaly
5B685F

Deuteranomaly
5F6664

Tritanomaly
456C6D

Monochromacy



Original Color
426E62

Achromatopsia
5F5F5F

Achromatomaly
546460

CSS Examples

Text

The CSS property to change the color of the text to Hex 426E62 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 #426E62 looks like.

```
.text, #text, p{  
    color:#426E62  
}
```

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 #426E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426E62
}
```

Border

The CSS property to change the border of an element to Hex 426E62 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
#426E62 }
```

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

```
.border{ border-color:#426E62 }
```

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

Here you see how a box with a 4 pixel #426E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426E62; -webkit-box-shadow:4px 4px  
4px 4px #426E62; box-shadow:4px 4px 4px  
4px #426E62 }
```

Background

The CSS property to change the background color of an element to Hex 426E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426E62 }
```

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

```
.background{ background-color:#426E62 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor