

Converting Colors

Hex(42616E)

Have a look what the booklet for
Hex(42616E) contains.

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Color

Hex(42616E)

Conversions

Conversions Part 1

Format	Color
Hex	42616E
RGB	66, 97, 110
RGB Percent	26%, 38%, 43%
CMY	0.7412, 0.6196, 0.5686
CMYK	0.40, 0.12, 0.00, 0.57
HSL	198°, 25%, 35%
HSV	198°, 40%, 43%
XYZ	9.3359, 10.8334, 16.3509
YIQ	89.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

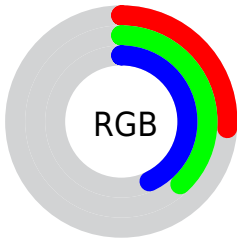
Format	Color
R_{YB}	66, 84, 110
Decimal	4350318
CIE _{Lab}	39.30, -7.66, -10.96
CIE _{LCh}	39, 13.373, 235.066
Yxy	10.8334, 0.2556, 0.2966
Android (android.graphics.Color)	4282540398 (0xFF42616E)
YUV	89.2130, 10.2480, -20.3578
Hunter-Lab	32.9142, -6.9692, -6.4137

Details

The Hex color **42616E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4F42**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7494A2**, and **12333E** is the 20% darker color. If you saturate the color by 10%, you get **375E6E**, and if you desaturate by 10%, it is **4D646E**.

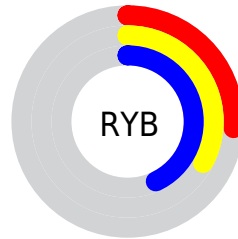
Distribution



Red (26%)

Green (38%)

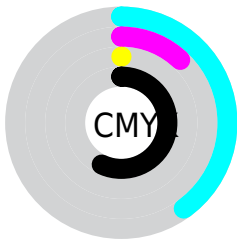
Blue (43%)



Red (26%)

Yellow (33%)

Blue (43%)

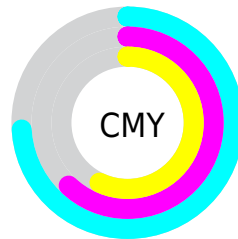


Cyan (40%)

Magenta (12%)

Yellow (0%)

Black (57%)



Cyan (74%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42616E 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 42616E by changing the saturation by 10% instead.

■ 42616E

■ 42616E

FFFFFF

■ 2A4956

■ 7494A2

■ 12333E

■ 8EAEBD

■ 001E29

■ A9CAD8

■ 000114

■ C5E6F5

■ 000000

■ E1FFFF

FEFFFF

■ 42616E

■ 42616E

■ 375E6E

■ 4D646E

■ 2C5A6E

■ 58686E

■ 21576E

■ 636B6E

■ 16546E

■ 6E6E6E

■ 0B516E

■ 79716E

■ 004D6E

■ 84756E

■ 8F786E

■ 9A7B6E

■ A57E6E

Harmonies

Analogous

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



3E6365



42616E



4E5E72

Triad

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



42616E



71555F



5B5F49

Complementary

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



42616E



6E4F42

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.



675B47



42616E



735554

Square

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



42616E



695769



6F584B



4F6150

Rectangle

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



42616E



575C71



6F584B



5F5E48

Sweetspot

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



42616E



7E8A8F



426E4E



3D4447



C7C7C7



474747

Same Dimension

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



42616E



4A7B8F



424C6E



323638



005478



00AEF7

Inverse Universe

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



6E4261



8F4A7B



6E6442



383236



780054



F700AE

Previews

White Background



This preview shows how the Hex color 42616E looks on a white background.

Color Contrast Check

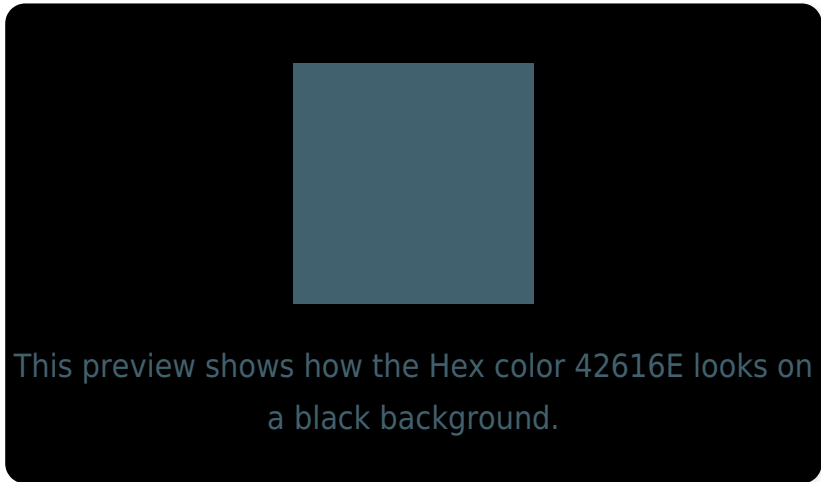
Large Text (above 18pt) WCAG AA ✓ Pass

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

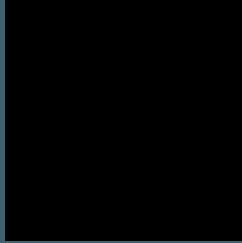
Any Text WCAG AA × Fail

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 42616E Background



This preview shows how black text looks on a background with the Hex color 42616E.

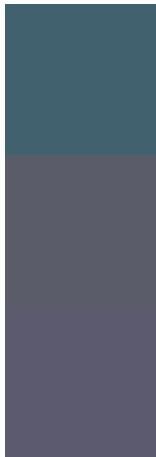


This preview shows how white text looks on a background with the Hex color 42616E.

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
42616E

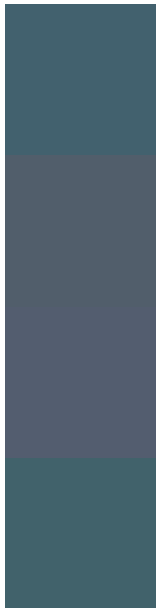
Protanopia
5A5C6A

Deuteranopia
5C5A6F



Tritanopia
41626A

Trichromacy



Original Color
42616E

Protanomaly
515E6B

Deuteranomaly
535D6F

Tritanomaly
41626B

Monochromacy



Original Color
42616E

Achromatopsia
595959

Achromatomaly
515C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 42616E 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 #42616E looks like.

```
.text, #text, p{  
    color:#42616E  
}
```

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 #42616E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42616E
}
```

Border

The CSS property to change the border of an element to Hex 42616E 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
#42616E }
```

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

```
.border{ border-color:#42616E }
```

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

Here you see how a box with a 4 pixel #42616E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42616E; -webkit-box-shadow:4px 4px  
4px 4px #42616E; box-shadow:4px 4px 4px  
4px #42616E }
```

Background

The CSS property to change the background color of an element to Hex 42616E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42616E }
```

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

```
.background{ background-color:#42616E }
```

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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