

Converting Colors

Hex(42494E)

Have a look what the booklet for
Hex(42494E) contains.

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Color

Hex(42494E)

Conversions

Conversions Part 1

Format	Color
Hex	42494E
RGB	66, 73, 78
RGB Percent	26%, 29%, 31%
CMY	0.7412, 0.7137, 0.6941
CMYK	0.15, 0.06, 0.00, 0.69
HSL	205°, 8%, 28%
HSV	205°, 15%, 31%
XYZ	6.0045, 6.4734, 8.1407
YIQ	71.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

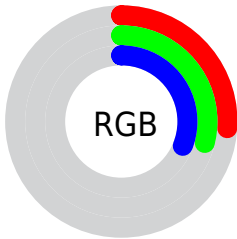
Format	Color
RYB	66, 70, 78
Decimal	4344142
CIELab	30.58, -1.63, -3.95
CIELCh	31, 4.272, 247.627
Yxy	6.4734, 0.2912, 0.3140
Android (android.graphics.Color)	4282534222 (0xFF42494E)
YUV	71.4770, 3.2158, -4.8033
Hunter-Lab	25.4429, -2.3995, -1.1605

Details

The Hex color **42494E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E4742**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **727A7F**, and **171E22** is the 20% darker color. If you saturate the color by 10%, you get **3A464E**, and if you desaturate by 10%, it is **4A4C4E**.

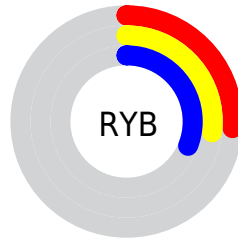
Distribution



 Red (26%)

 Green (29%)

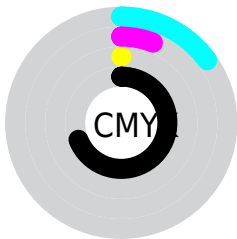
 Blue (31%)



 Red (26%)

 Yellow (27%)

 Blue (31%)

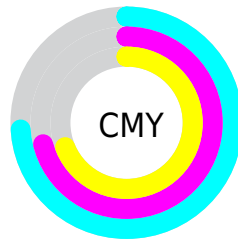


 Cyan (15%)

 Magenta (6%)

 Yellow (0%)

 Black (69%)



 Cyan (74%)

 Magenta (71%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42494E 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 42494E by changing the saturation by 10% instead.



42494E



42494E

FFFFFF



2C3337



727A7F



171E22



8B9399



00040C



A6AEB4



000000



C1C9CF



DDE5EB



F9FFFF



42494E



42494E



3A464E



4A4C4E

■ 32424E

■ 52504E

■ 2B3F4E

■ 59534E

■ 233C4E

■ 61564E

■ 1B394E

■ 69594E

■ 13354E

■ 715D4E

■ 0B324E

■ 79604E

■ 042F4E

■ 80634E

■ 002D4E

■ 88664E

Harmonies

Analogous

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



404A4C



42494E



46484E

Triad

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



42494E



4F4647



464943

Complementary

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



42494E



4E4742

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.



4A4841



42494E



4F4644

Square

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



42494E



4D464B



4D4742



424A45

Rectangle

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



42494E



48474E



4D4742



474942

Sweetspot

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



42494E



616466



424E47



303233



B3B3B3



333333

Same Dimension

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



42494E



545E66



42434E



222526



003B66



0086E6

Inverse Universe

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



4E4249



66545E



4E4D42



262225



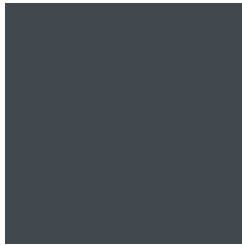
66003B



E60086

Previews

White Background



This preview shows how the Hex color 42494E looks on a white background.

Color Contrast Check

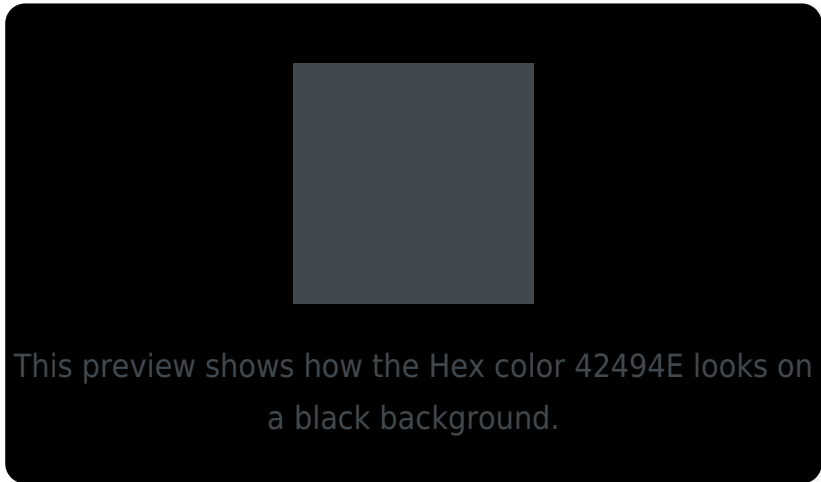
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

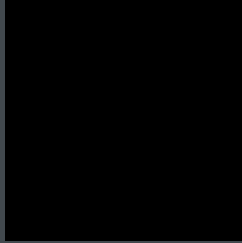
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

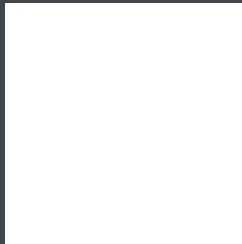
Any Text WCAG AAA × Fail

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

Hex 42494E Background



This preview shows how black text looks on a background with the Hex color 42494E.

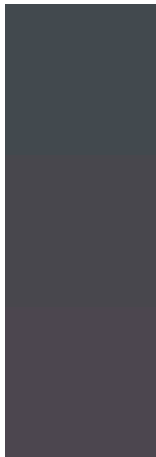


This preview shows how white text looks on a background with the Hex color 42494E.

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
42494E

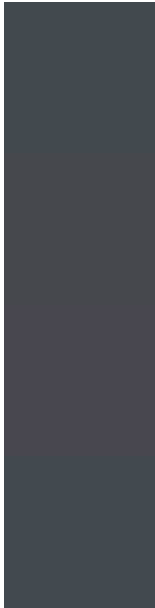
Protanopia
48474D

Deuteranopia
4C464F



Tritanopia
42494F

Trichromacy



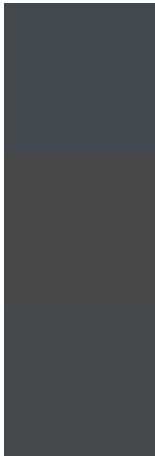
Original Color
42494E

Protanomaly
46484D

Deuteranomaly
48474F

Tritanomaly
42494F

Monochromacy



Original Color
42494E

Achromatopsia
474747

Achromatomaly
45484A

CSS Examples

Text

The CSS property to change the color of the text to Hex 42494E 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 #42494E looks like.

```
.text, #text, p{  
    color:#42494E  
}
```

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 #42494E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42494E
}
```

Border

The CSS property to change the border of an element to Hex 42494E is called "border". The border property can be set on classes, ids or directly on the HTML element.

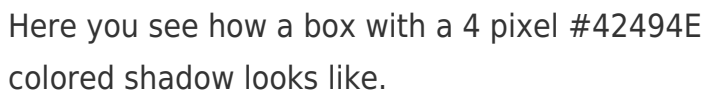
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42494E }
```

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

```
.border{ border-color:#42494E }
```

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



Here you see how a box with a 4 pixel #42494E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42494E; -webkit-box-shadow:4px 4px  
4px 4px #42494E; box-shadow:4px 4px 4px  
4px #42494E }
```

Background

The CSS property to change the background color of an element to Hex 42494E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42494E }
```

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

```
.background{ background-color:#42494E }
```

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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