

Converting Colors

Hex(2A424D)

Have a look what the booklet for
Hex(2A424D) contains.

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Color

Hex(2A424D)

Conversions

Conversions Part 1

Format	Color
Hex	2A424D
RGB	42, 66, 77
RGB Percent	16%, 26%, 30%
CMY	0.8353, 0.7412, 0.6980
CMYK	0.45, 0.14, 0.00, 0.70
HSL	199°, 29%, 23%
HSV	199°, 45%, 30%
XYZ	4.2426, 4.9245, 7.7481
YIQ	60.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

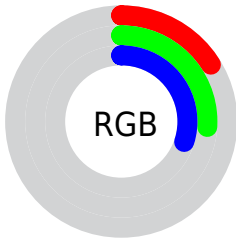
Format	Color
RYB	42, 56, 77
Decimal	2769485
CIELab	26.52, -5.90, -9.57
CIELCh	27, 11.245, 238.328
Yxy	4.9245, 0.2508, 0.2911
Android (android.graphics.Color)	4280959565 (0xFF2A424D)
YUV	60.0780, 8.3425, -15.8544
Hunter-Lab	22.1912, -4.7081, -5.1674




Details

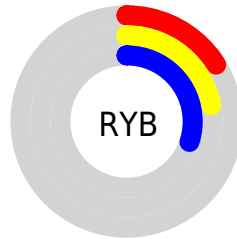
The Hex color **2A424D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D352A**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **59727E**, and **001821** is the 20% darker color. If you saturate the color by 10%, you get **22404D**, and if you desaturate by 10%, it is **32444D**.

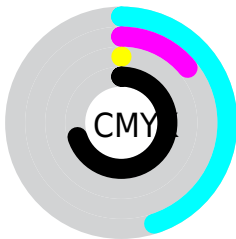
Distribution







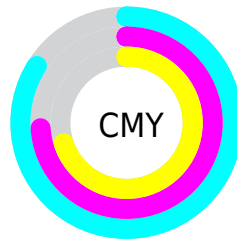
-  Red (16%)
-  Green (26%)
-  Blue (30%)






-  Red (16%)
-  Yellow (22%)
-  Blue (30%)



-  Cyan (45%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (84%)
-  Magenta (74%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A424D 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 2A424D by changing the saturation by 10% instead.

■ 2A424D

■ 2A424D

FFFFFF

■ 132C36

■ 59727E

■ 001821

■ 728B98

■ 000009

■ 8CA6B3

■ 000000

■ A7C1CE

■ C2DDEA

■ DFF9FF

■ FBFFFF

■ 2A424D

■ 2A424D

■ 22404D

■ 32444D

■ 1B3D4D

■ 39474D

■ 133B4D

■ 41494D

■ 0B384D

■ 494C4D

■ 03364D

■ 514E4D

■ 00354D

■ 58514D

■ 60534D

■ 68554D

■ 6F584D

Harmonies

Analogous

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



264347



2A424D



344050

Triad

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



2A424D



4F3940



3C4130

Complementary

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



2A424D



4D352A

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.



463E2E



2A424D



503937

Square

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



2A424D



493A48



4D3B30



334335

Rectangle

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



2A424D



3C3E4F



4D3B30



40402E

Sweetspot

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



2A424D



565F63



2A4D35



2A3033



B3B3B3



333333

Same Dimension

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



2A424D



2D5263



2A314D



222526



004666



009DE6

Inverse Universe

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



4D2A42



632D52



4D462A



262225



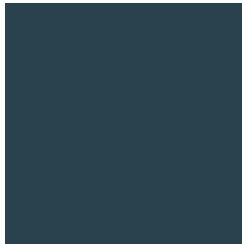
660046



E6009D

Previews

White Background



This preview shows how the Hex color 2A424D looks on a white background.

Color Contrast Check

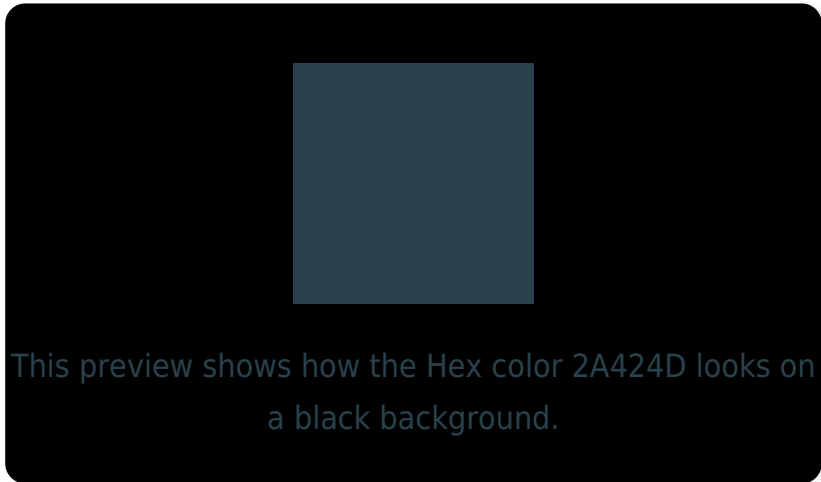
Large Text (above 18pt) WCAG AA ✓ Pass

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

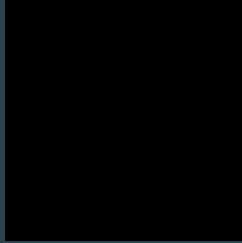
Any Text WCAG AA × Fail

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 2A424D Background



This preview shows how black text looks on a background with the Hex color 2A424D.



This preview shows how white text looks on a background with the Hex color 2A424D.

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](#).

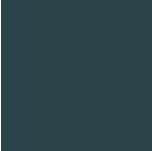
Dichromacy



Original Color
2A424D

Protanopia
3C3E4A

Deuteranopia
3D3D4E



Tritanopia
294348

Trichromacy



Original Color
2A424D

Protanomaly
353F4B

Deuteranomaly
363F4E

Tritanomaly
29434A

Monochromacy



Original Color
2A424D

Achromatopsia
3C3C3C

Achromatomaly
353E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A424D 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 #2A424D looks like.

```
.text, #text, p{  
    color:#2A424D  
}
```

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 #2A424D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A424D
}
```

Border

The CSS property to change the border of an element to Hex 2A424D 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
#2A424D }
```

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

```
.border{ border-color:#2A424D }
```

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

Here you see how a box with a 4 pixel #2A424D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A424D; -webkit-box-shadow:4px 4px  
4px 4px #2A424D; box-shadow:4px 4px 4px  
4px #2A424D }
```

Background

The CSS property to change the background color of an element to Hex 2A424D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A424D }
```

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

```
.background{ background-color:#2A424D }
```

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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