

Converting Colors

Hex(424A6D)

Have a look what the booklet for
Hex(424A6D) contains.

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Color

Hex(424A6D)

Conversions

Conversions Part 1

Format	Color
Hex	424A6D
RGB	66, 74, 109
RGB Percent	26%, 29%, 43%
CMY	0.7412, 0.7098, 0.5725
CMYK	0.39, 0.32, 0.00, 0.57
HSL	229°, 25%, 34%
HSV	229°, 39%, 43%
XYZ	7.4559, 7.1599, 15.4570
YIQ	75.5980, -16.0030, 9.1890

Conversions

Conversions Part 2

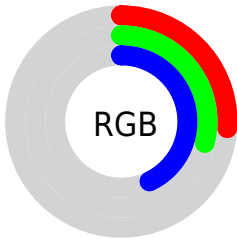
Format	Color
R_{YB}	66, 73, 109
Decimal	4344429
CIE _{Lab}	32.17, 6.42, -21.28
CIE _{LCh}	32, 22.229, 286.775
Yxy	7.1599, 0.2479, 0.2381
Android (android.graphics.Color)	4282534509 (0xFF424A6D)
YUV	75.5980, 16.4672, -8.4174
Hunter-Lab	26.7581, 2.9106, -15.5188

Details

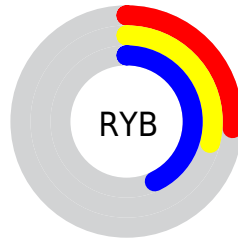
The Hex color **424A6D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D6542**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **747BA1**, and **131F3D** is the 20% darker color. If you saturate the color by 10%, you get **37416D**, and if you desaturate by 10%, it is **4D536D**.

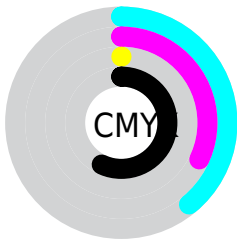
Distribution



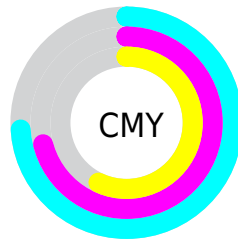
- Red (26%)
- Green (29%)
- Blue (43%)



- Red (26%)
- Yellow (29%)
- Blue (43%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (57%)



- Cyan (74%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424A6D 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 424A6D by changing the saturation by 10% instead.



424A6D



424A6D

FFFFFF



2A3455



747BA1



131F3D



8E94BC



000527



A8AFD8



000111



C4CAF4



000000



E0E6FF

FDFFFF



424A6D



424A6D



37416D



4D536D

■ 2C386D

■ 585C6D

■ 212F6D

■ 63656D

■ 16276D

■ 6E6D6D

■ 0C1E6D

■ 79766D

■ 01156D

■ 837F6D

■ 00146D

■ 8E886D

■ 99916D

■ A49A6D

Harmonies

Analogous

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



23506D



424A6D



5A4464

Triad

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



424A6D



694233



225443

Complementary

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



424A6D



6D6542

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.



395233



424A6D



5E482A

Square

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



424A6D



6E3E42



4D4E2A



035555

Rectangle

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



424A6D



65405A



4D4E2A



2B543D

Sweetspot

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



424A6D



7E818F



426D64



3D3F47



C7C7C7



474747

Same Dimension

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



424A6D



4C588F



4F426D



303136



001675



002EF5

Inverse Universe

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



6D424A



8F4C58



606D42



363031



750016



F5002E

Previews

White Background



This preview shows how the Hex color 424A6D looks on a white background.

Color Contrast Check

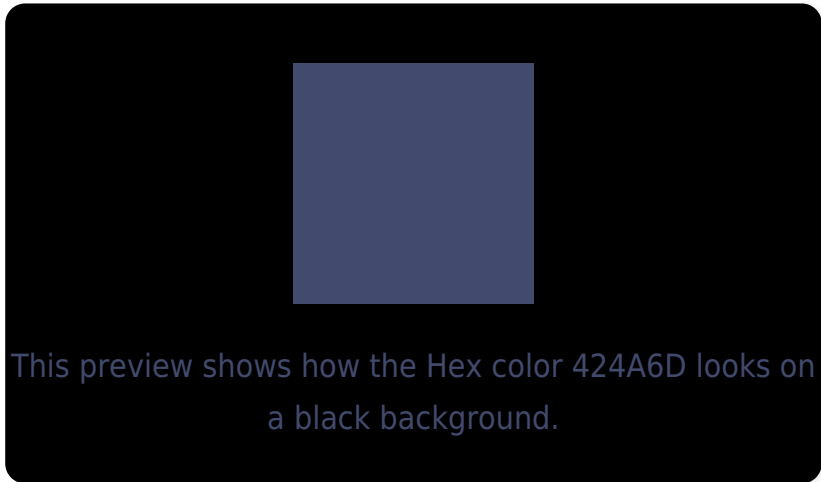
Large Text (above 18pt) WCAG AA ✓ Pass

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

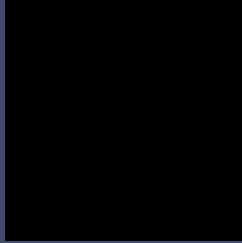
Any Text WCAG AA × Fail

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 424A6D Background



This preview shows how black text looks on a background with the Hex color 424A6D.

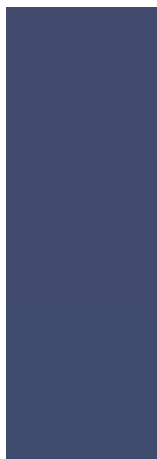


This preview shows how white text looks on a background with the Hex color 424A6D.

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

424A6D

Protanopia

404A6D

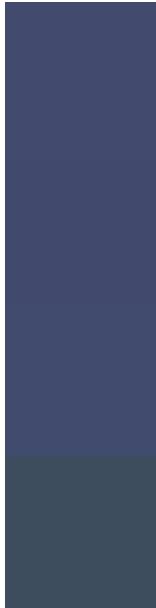
Deuteranopia

3F4B6D



Tritanopia
3C4F55

Trichromacy



Original Color

424A6D

Protanomaly

414A6D

Deuteranomaly

404B6D

Tritanomaly

3E4D5E

Monochromacy



Original Color

424A6D

Achromatopsia

4C4C4C

Achromatomaly

484B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 424A6D 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 #424A6D looks like.

```
.text, #text, p{  
    color:#424A6D  
}
```

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 #424A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424A6D
}
```

Border

The CSS property to change the border of an element to Hex 424A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

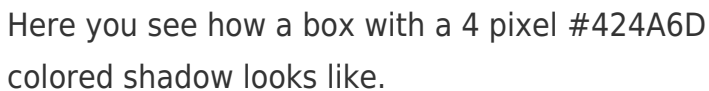
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424A6D }
```

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

```
.border{ border-color:#424A6D }
```

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



Here you see how a box with a 4 pixel #424A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424A6D; -webkit-box-shadow:4px 4px  
4px 4px #424A6D; box-shadow:4px 4px 4px  
4px #424A6D }
```

Background

The CSS property to change the background color of an element to Hex 424A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424A6D }
```

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

```
.background{ background-color:#424A6D }
```

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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