

Converting Colors

Hex(424C77)

Have a look what the booklet for
Hex(424C77) contains.

Hex(424C77)	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(424C77)

Conversions

Conversions Part 1

Format	Color
Hex	424C77
RGB	66, 76, 119
RGB Percent	26%, 30%, 47%
CMY	0.7412, 0.7020, 0.5333
CMYK	0.45, 0.36, 0.00, 0.53
HSL	229°, 29%, 36%
HSV	229°, 45%, 47%
XYZ	8.1610, 7.6590, 18.5010
YIQ	77.9120, -19.7630, 11.2530

Conversions

Conversions Part 2

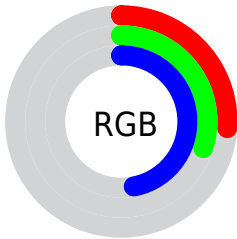
Format	Color
RYB	66, 74, 119
Decimal	4344951
CIELab	33.26, 8.24, -25.84
CIELCh	33, 27.123, 287.696
Yxy	7.6590, 0.2378, 0.2232
Android (android.graphics.Color)	4282535031 (0xFF424C77)
YUV	77.9120, 20.2564, -10.4468
Hunter-Lab	27.6750, 4.2061, -20.2634

Details

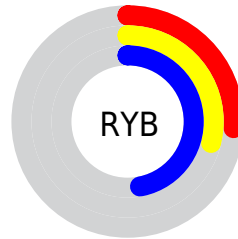
The Hex color **424C77** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **776D42**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **757DAB**, and **102046** is the 20% darker color. If you saturate the color by 10%, you get **364277**, and if you desaturate by 10%, it is **4E5677**.

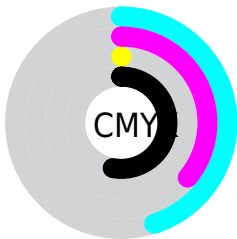
Distribution



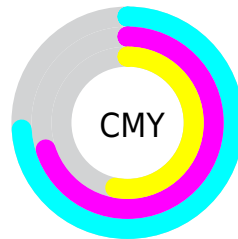
- Red (26%)
- Green (30%)
- Blue (47%)



- Red (26%)
- Yellow (29%)
- Blue (47%)



- Cyan (45%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424C77 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 424C77 by changing the saturation by 10% instead.

■ 424C77

■ 424C77

FFFFFF

■ 29355E

■ 757DAB

■ 102046

■ 8F96C7

■ 000930

■ AAB1E3

■ 00011A

■ C6CDFE

■ 000000

■ E2E9FF

■ 424C77

■ 424C77

■ 364277

■ 4E5677

■ 2A3977

■ 5A5F77

■ 1E2F77

■ 666977

■ 122577

■ 727377

■ 071C77

■ 7E7C77

■ 001677

■ 898677

■ 959077

■ A19977

■ ADA377

Harmonies

Analogous

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



115378



424C77



60446B

Triad

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



424C77



71422F



145944

Complementary

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



424C77



776D42

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.



365630



424C77



634A24

Square

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



424C77



773D42



4F5124



00595B

Rectangle

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



424C77



6D3F5F



4F5124



22583D

Sweetspot

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



424C77



878B9C



42776C



42454F



CFCFCF



4F4F4F

Same Dimension

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



424C77



49599C



524277



35363B



00177A



002FFA

Inverse Universe

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



77424C



9C4959



677742



3B3536



7A0017



FA002F

Previews

White Background



This preview shows how the Hex color 424C77 looks on a white background.

Color Contrast Check

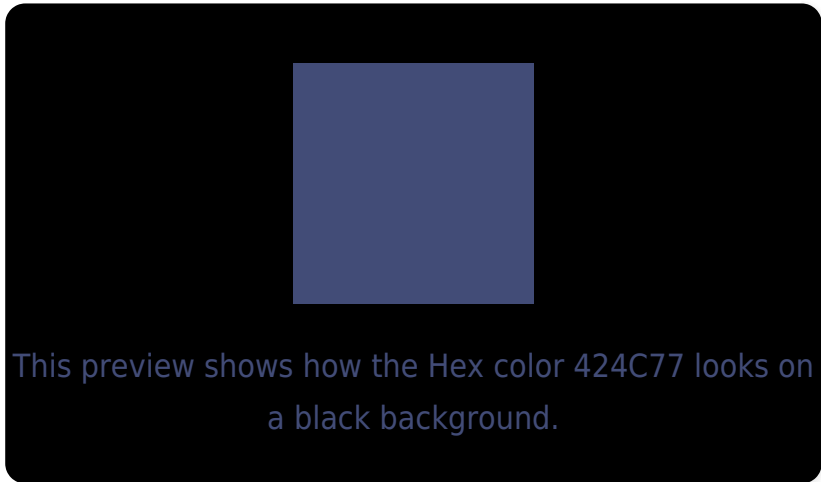
Large Text (above 18pt) WCAG AA ✓ Pass

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

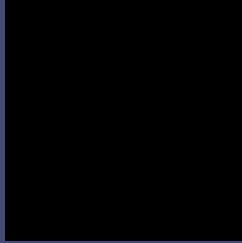
Any Text WCAG AA × Fail

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 424C77 Background



This preview shows how black text looks on a background with the Hex color 424C77.

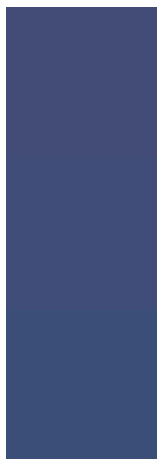


This preview shows how white text looks on a background with the Hex color 424C77.

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
424C77

Protanopia
3F4D78

Deuteranopia
3B4E77



Tritanopia
3A5259

Trichromacy



Original Color
424C77

Protanomaly
404D78

Deuteranomaly
3E4D77

Tritanomaly
3D5064

Monochromacy



Original Color
424C77

Achromatopsia
4E4E4E

Achromatomaly
4A4D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 424C77 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 #424C77 looks like.

```
.text, #text, p{  
    color:#424C77  
}
```

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 #424C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424C77  
}
```

Border

The CSS property to change the border of an element to Hex 424C77 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  
#424C77 }
```

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

```
.border{ border-color:#424C77 }
```

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

Here you see how a box with a 4 pixel #424C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424C77; -webkit-box-shadow:4px 4px  
4px 4px #424C77; box-shadow:4px 4px 4px  
4px #424C77 }
```

Background

The CSS property to change the background color of an element to Hex 424C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424C77 }
```

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

```
.background{ background-color:#424C77 }
```

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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