

# Converting Colors

Hex(424B57)

Have a look what the booklet for  
Hex(424B57) contains.

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# Color

**Hex(424B57)**

# Conversions

Conversions Part 1	
Format	Color
Hex	424B57
RGB	66, 75, 87
RGB Percent	26%, 29%, 34%
CMY	0.7412, 0.7059, 0.6588
CMYK	0.24, 0.14, 0.00, 0.66
HSL	214°, 14%, 30%
HSV	214°, 24%, 34%
XYZ	6.4831, 6.8785, 10.0028
YIQ	73.6770, -9.2160, 1.8240

# Conversions

## Conversions Part 2

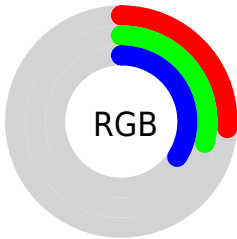
Format	Color
<a href="#">RYB</a>	<a href="#">66, 72, 87</a>
Decimal	<a href="#">4344663</a>
CIELab	<a href="#">31.53, -0.57, -8.30</a>
CIELCh	<a href="#">32, 8.317, 266.051</a>
Yxy	<a href="#">6.8785, 0.2775, 0.2944</a>
Android (android.graphics.Color)	<a href="#">4282534743</a> (0xFF424B57)
YUV	<a href="#">73.6770, 6.5682, -6.7327</a>
Hunter-Lab	<a href="#">26.2269, -1.7730, -4.2540</a>

# Details

The Hex color **424B57** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **574E42**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **727C89**, and **161F2A** is the 20% darker color. If you saturate the color by 10%, you get **394657**, and if you desaturate by 10%, it is **4B5057**.

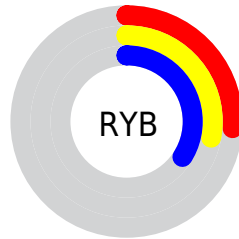
# Distribution



Red (26%)

Green (29%)

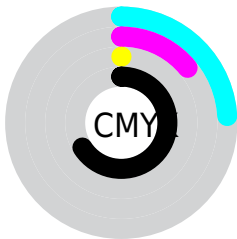
Blue (34%)



Red (26%)

Yellow (28%)

Blue (34%)

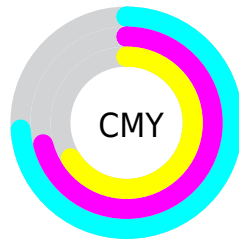


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (66%)



Cyan (74%)

Magenta (71%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 424B57 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 424B57 by changing the saturation by 10% instead.



 424B57

 424B57

FFFFFF

 2C3440

 727C89

 161F2A

 8C95A3

 000716

 A6B0BE

 000000

 C2CCDA

 DDE8F6


 FAFFFF

 424B57

 424B57

 394657

 4B5057

 314157 535557 283C57 5C5A57 1F3757 655F57 163257 6E6457 0E2D57 766957 052857 7F6E57 002557 887357 907857

# Harmonies

## Analogous

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



3B4D55



424B57



4A4956

# Triad

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



424B57



584645



424D43

# Complementary

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



424B57



574E42

# 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.



494C3E



424B57



564740

# Square

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



424B57



57464B



50493D



3C4E49

# Rectangle

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



424B57



504753



50493D



444D41



# Sweetspot

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



424B57



686C70



42574E



343638



B8B8B8



383838



# Same Dimension

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



424B57



505E70



434257



27292B



002E6B



0065EB



# Inverse Universe

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



57424B



70505E



565742



2B2729



6B002E

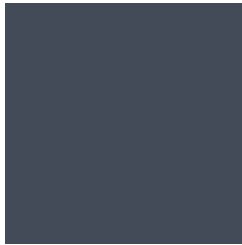


EB0065



# Previews

## White Background



This preview shows how the Hex color 424B57 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



This preview shows how the Hex color 424B57 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

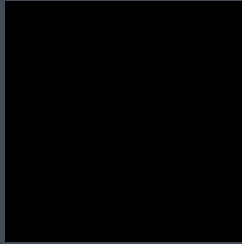
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

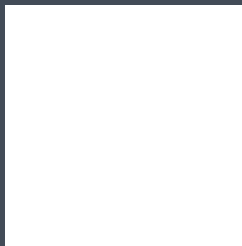
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 424B57 Background



This preview shows how black text looks on a background with the Hex color 424B57.

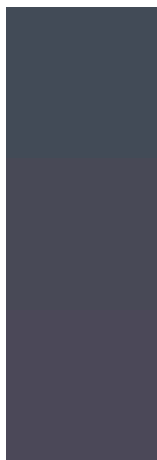


This preview shows how white text looks on a background with the Hex color 424B57.

# 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**

424B57

**Protanopia**

484956

**Deuteranopia**

4B4858



# Trichromacy



**Original Color**

424B57

**Protanomaly**

464A56

**Deuteranomaly**

484958

**Tritanomaly**

414C54

# Monochromacy



**Original Color**

424B57

**Achromatopsia**

4A4A4A

**Achromatomaly**

474A4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 424B57 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 #424B57 looks like.

```
.text, #text, p{  
    color:#424B57  
}
```

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 #424B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424B57
}
```

## Border

The CSS property to change the border of an element to Hex 424B57 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
#424B57 }
```

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

```
.border{ border-color:#424B57 }
```

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

Here you see how a box with a 4 pixel #424B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424B57; -webkit-box-shadow:4px 4px  
4px 4px #424B57; box-shadow:4px 4px 4px  
4px #424B57 }
```

# Background

The CSS property to change the background color of an element to Hex 424B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424B57 }
```

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

```
.background{ background-color:#424B57 }
```

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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