

Converting Colors

Hex(424886)

Have a look what the booklet for
Hex(424886) contains.

Hex(424886)	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(424886)

Conversions

Conversions Part 1

Format	Color
Hex	424886
RGB	66, 72, 134
RGB Percent	26%, 28%, 53%
CMY	0.7412, 0.7176, 0.4745
CMYK	0.51, 0.46, 0.00, 0.47
HSL	235°, 34%, 39%
HSV	235°, 51%, 53%
XYZ	8.8672, 7.5142, 23.5373
YIQ	77.2740, -23.4780, 18.0100

Conversions

Conversions Part 2

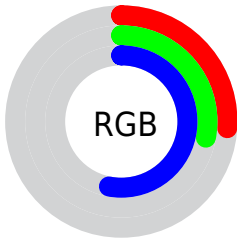
Format	Color
R_{YB}	66, 72, 134
Decimal	4343942
CIE _{Lab}	32.95, 15.78, -35.64
CIE _{LCh}	33, 38.972, 293.884
Yxy	7.5142, 0.2221, 0.1882
Android (android.graphics.Color)	4282534022 (0xFF424886)
YUV	77.2740, 27.9659, -9.8873
Hunter-Lab	27.4121, 9.7698, -31.7208

Details

The Hex color **424886** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **868042**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7678BC**, and **071D54** is the 20% darker color. If you saturate the color by 10%, you get **353C86**, and if you desaturate by 10%, it is **4F5486**.

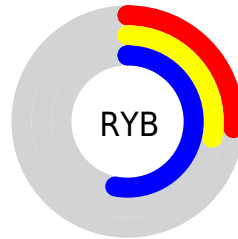
Distribution



Red (26%)

Green (28%)

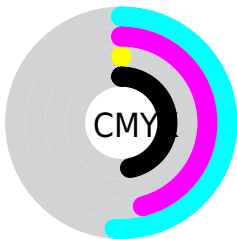
Blue (53%)



Red (26%)

Yellow (28%)

Blue (53%)

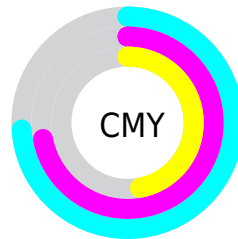


Cyan (51%)

Magenta (46%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424886 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 424886 by changing the saturation by 10% instead.

■ 424886

■ 424886

FFFFFF

■ 28326C

■ 7678BC

■ 071D54

■ 9192D8

■ 00043C

■ ADADF4

■ 000226

■ C9C8FF

■ 00010F

■ E5E4FF

■ 000000

■ 424886

■ 424886

■ 353C86

■ 4F5486

■ 273086

■ 5D6086

■ 1A2386

■ 6A6D86

■ 0C1786

■ 787986

■ 000C86

■ 858586

■ 929186

■ A09E86

■ ADAA86

■ BBB686

Harmonies

Analogous

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



00538B



424886



6D3A72

Triad

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



424886



793E1C



005C46

Complementary

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



424886



868042

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.



1C5927



424886



624A08

Square

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



424886



843236



45530E



005C66

Rectangle

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



424886



7D335F



45530E



005B3B

Sweetspot

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



424886



9396AD



42867F



474857



D6D6D6



575757

Same Dimension

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



424886



444DAD



5D4286



3C3C42



000B82



000003

Inverse Universe

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



864248



AD444D



6B8642



423C3C



82000B



030000

Previews

White Background



This preview shows how the Hex color 424886 looks on a white background.

Color Contrast Check

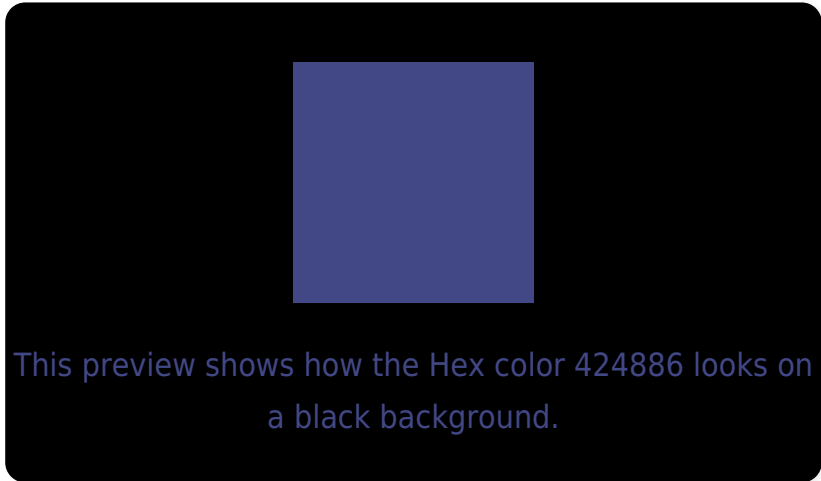
Large Text (above 18pt) WCAG AA ✓ Pass

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

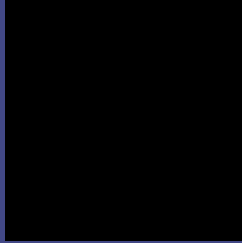
Any Text WCAG AA × Fail

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 424886 Background



This preview shows how black text looks on a background with the Hex color 424886.



This preview shows how white text looks on a background with the Hex color 424886.

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](#).

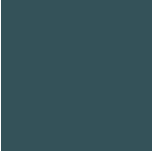
Dichromacy



Original Color
424886

Protanopia
304B89

Deuteranopia
244E85



Tritanopia
345259

Trichromacy



Original Color
424886

Protanomaly
374A88

Deuteranomaly
2F4C85

Tritanomaly
394E69

Monochromacy



Original Color
424886

Achromatopsia
4D4D4D

Achromatomaly
494B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 424886 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 #424886 looks like.

```
.text, #text, p{  
    color:#424886  
}
```

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 #424886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424886
}
```

Border

The CSS property to change the border of an element to Hex 424886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

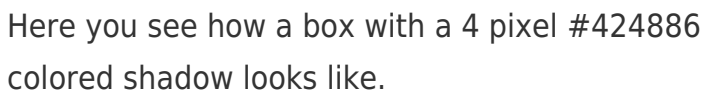
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424886 }
```

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

```
.border{ border-color:#424886 }
```

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



Here you see how a box with a 4 pixel #424886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424886; -webkit-box-shadow:4px 4px  
4px 4px #424886; box-shadow:4px 4px 4px  
4px #424886 }
```

Background

The CSS property to change the background color of an element to Hex 424886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424886 }
```

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

```
.background{ background-color:#424886 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor