

# Converting Colors

Hex(424078)

Have a look what the booklet for  
Hex(424078) contains.

|  |    |
|--|----|
| <b>Hex(424078)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(424078)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 424078                     |
| RGB           | 66, 64, 120                |
| RGB Percent   | 26%, 25%, 47%              |
| CMY           | 0.7412, 0.7490, 0.5294     |
| CMYK          | 0.45, 0.47, 0.00, 0.53     |
| HSL           | 242°, 30%, 36%             |
| HSV           | 242°, 47%, 47%             |
| XYZ           | 7.4703, 6.1811, 18.5686    |
| YIQ           | 70.9820, -16.7840, 17.8400 |

# Conversions

## Conversions Part 2

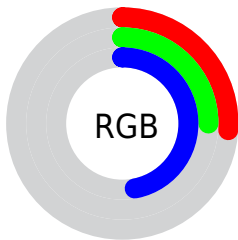
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 66, 64, 120                   |
| Decimal                             | 4341880                       |
| CIE <sub>Lab</sub>                  | 29.86, 16.48, -31.83          |
| CIE <sub>LCh</sub>                  | 30, 35.847, 297.375           |
| Yxy                                 | 6.1811, 0.2319,<br>0.1918     |
| Android<br>(android.graphics.Color) | 4282531960<br>(0xFF424078)    |
| YUV                                 | 70.9820, 24.1659,<br>-4.3692  |
| Hunter-Lab                          | 24.8618, 10.1263,<br>-26.8788 |

# Details

The Hex color **424078** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **767840**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7570AD**, and **0E1647** is the 20% darker color. If you saturate the color by 10%, you get **363478**, and if you desaturate by 10%, it is **4E4C78**.

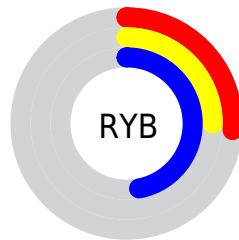
# Distribution



Red (26%)

Green (25%)

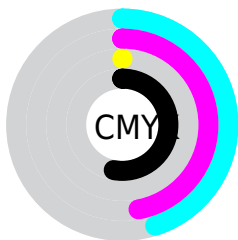
Blue (47%)



Red (26%)

Yellow (25%)

Blue (47%)

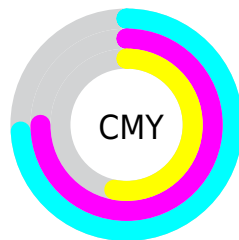


Cyan (45%)

Magenta (47%)

Yellow (0%)

Black (53%)



Cyan (74%)

Magenta (75%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 424078 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 424078 by changing the saturation by 10% instead.





424078



424078

FFFFFF



292A5F



7570AD



0E1647



8F89C8



000030



ABA3E4



00011A



C6BEFF



000000



E3DAFF



FFF7FF



424078



424078



363478



4E4C78

■ 2B2878

■ 595878

■ 1F1C78

■ 656478

■ 141078

■ 707078

■ 080478

■ 7C7C78

■ 040078

■ 878878

■ 939478

■ 9FA078

■ AAAC78

# Harmonies

## Analogous

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



004A7E



424078



663465

# Triad

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



424078



6C3917



005343

# Complementary

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



424078



767840

# 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.



135127



424078



574408

# Square

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



424078



782F2E



3B4C10



00535F

# Rectangle

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



424078



732E53



3B4C10



005339



# Sweetspot

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



424078



87869C



407678



42424F



CFCFCF



4F4F4F



# Same Dimension

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



424078



48449C



5E4078



37373D



04007D



0900FC



# Inverse Universe

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



784076



9C4498



5A7840



3D373D



7D0078



FC00F3



# Previews

## White Background



This preview shows how the Hex color 424078 looks on a white background.

## Color Contrast Check

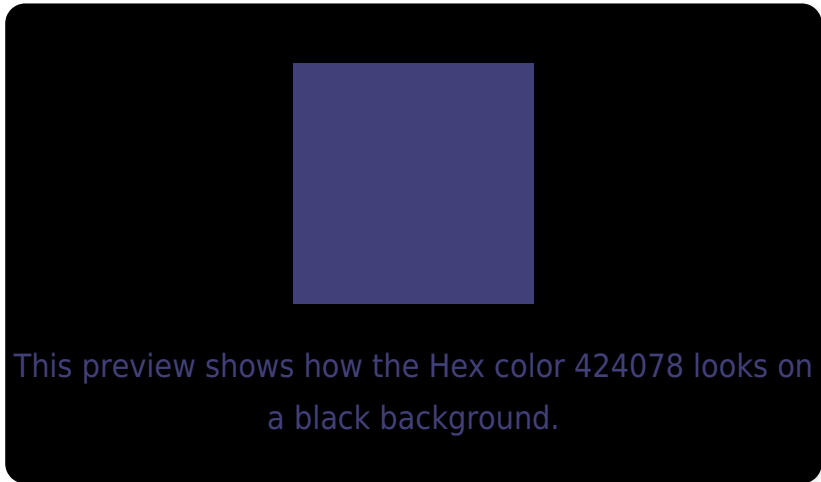
Large Text (above 18pt) WCAG AA ✓ Pass

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

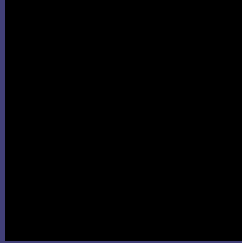
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 424078 Background



This preview shows how black text looks on a background with the Hex color 424078.



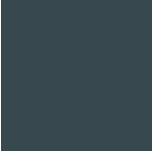
This preview shows how white text looks on a background with the Hex color 424078.

# 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





**Tritanopia**  
37494F

# Trichromacy



**Original Color**  
424078

**Protanomaly**  
34437B

**Deuteranomaly**  
304477

**Tritanomaly**  
3B465E

# Monochromacy



**Original Color**  
424078

**Achromatopsia**  
474747

**Achromatomaly**  
454459

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 424078 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 #424078 looks like.

```
.text, #text, p{  
    color:#424078  
}
```

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 #424078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424078
}
```

## Border

The CSS property to change the border of an element to Hex 424078 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
#424078 }
```

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

```
.border{ border-color:#424078 }
```

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

Here you see how a box with a 4 pixel #424078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424078; -webkit-box-shadow:4px 4px  
4px 4px #424078; box-shadow:4px 4px 4px  
4px #424078 }
```

# Background

The CSS property to change the background color of an element to Hex 424078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424078 }
```

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

```
.background{ background-color:#424078 }
```

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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