

Converting Colors

Hex(424465)

Have a look what the booklet for
Hex(424465) contains.

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Color

Hex(424465)

Conversions

Conversions Part 1

Format	Color
Hex	424465
RGB	66, 68, 101
RGB Percent	26%, 27%, 40%
CMY	0.7412, 0.7333, 0.6039
CMYK	0.35, 0.33, 0.00, 0.60
HSL	237°, 21%, 33%
HSV	237°, 35%, 40%
XYZ	6.6629, 6.2321, 13.1637
YIQ	71.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

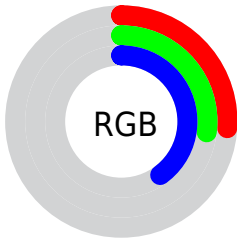
Format	Color
RYB	66, 68, 101
Decimal	4342885
CIELab	29.99, 7.93, -19.60
CIElCh	30, 21.142, 292.022
Yxy	6.2321, 0.2557, 0.2392
Android (android.graphics.Color)	4282532965 (0xFF424465)
YUV	71.1640, 14.7091, -4.5288
Hunter-Lab	24.9641, 3.9539, -13.7889

Details

The Hex color **424465** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656342**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **737498**, and **141936** is the 20% darker color. If you saturate the color by 10%, you get **383A65**, and if you desaturate by 10%, it is **4C4E65**.

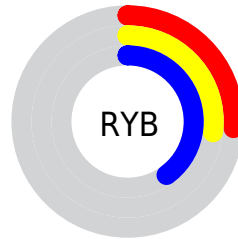
Distribution



Red (26%)

Green (27%)

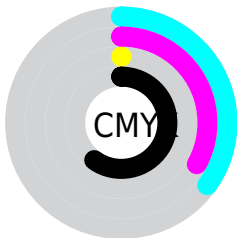
Blue (40%)



Red (26%)

Yellow (27%)

Blue (40%)

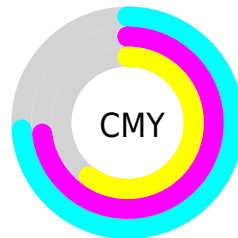


Cyan (35%)

Magenta (33%)

Yellow (0%)

Black (60%)



Cyan (74%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424465 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 424465 by changing the saturation by 10% instead.

■ 424465

■ 424465

FFFFFF

■ 2B2E4D

■ 737498

■ 141936

■ 8D8EB3

■ 000021

■ A8A8CE

■ 000006

■ C3C3EB

■ 000000

■ DFDFFF

■ FCFCFF

■ 424465

■ 424465

■ 383A65

■ 4C4E65

■ 2E3165

■ 565765

■ 242765

■ 606165

■ 1A1E65

■ 6A6A65

■ 101465

■ 757465

■ 050B65

■ 7F7D65

■ 000665

■ 898765

■ 939065

■ 9D9A65

Harmonies

Analogous

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



264A67



424465



573E5B

Triad

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



424465



613E2D



1C4F42

Complementary

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



424465



656342

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.



324D32



424465



554426

Square

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



424465



663A3B



454928



004F52

Rectangle

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



424465



603B51



454928



244F3C

Sweetspot

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



424465



757682



426563



3A3B42



C2C2C2



424242

Same Dimension

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



424465



4B4F82



514265



2E2E33



000773



000EF2

Inverse Universe

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



654244



824B4F



566542



332E2E



730007



F2000E

Previews

White Background



This preview shows how the Hex color 424465 looks on a white background.

Color Contrast Check

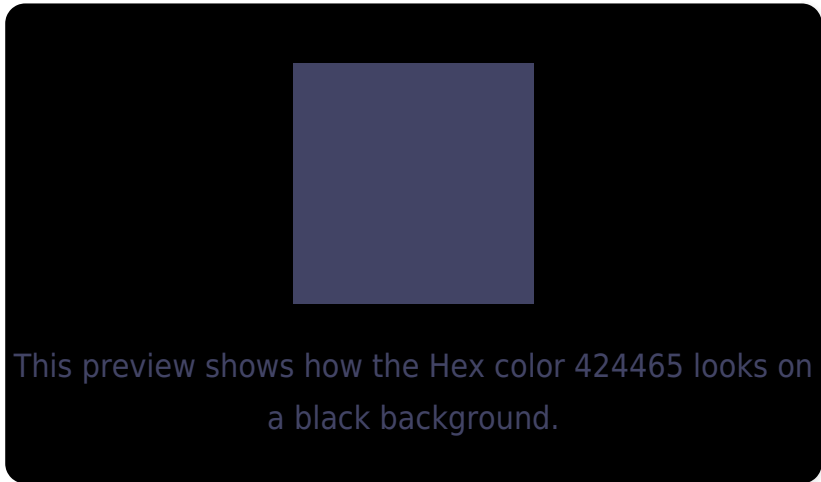
Large Text (above 18pt) WCAG AA ✓ Pass

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

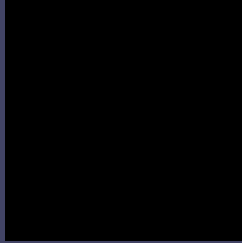
Any Text WCAG AA × Fail

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 424465 Background



This preview shows how black text looks on a background with the Hex color 424465.

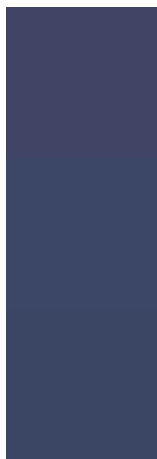


This preview shows how white text looks on a background with the Hex color 424465.

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

424465

Protanopia

3C4666

Deuteranopia

3B4665



Tritanopia
3D484E

Trichromacy



Original Color
424465

Protanomaly
3E4566

Deuteranomaly
3E4565

Tritanomaly
3F4756

Monochromacy



Original Color
424465

Achromatopsia
474747

Achromatomaly
454652

CSS Examples

Text

The CSS property to change the color of the text to Hex 424465 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 #424465 looks like.

```
.text, #text, p{  
    color:#424465  
}
```

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 #424465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424465
}
```

Border

The CSS property to change the border of an element to Hex 424465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

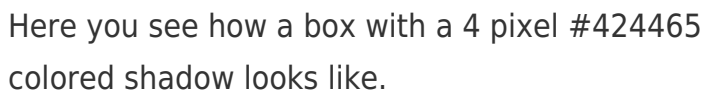
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424465 }
```

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

```
.border{ border-color:#424465 }
```

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



Here you see how a box with a 4 pixel #424465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424465; -webkit-box-shadow:4px 4px  
4px 4px #424465; box-shadow:4px 4px 4px  
4px #424465 }
```

Background

The CSS property to change the background color of an element to Hex 424465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424465 }
```

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

```
.background{ background-color:#424465 }
```

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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