

Converting Colors

Hex(421D63)

Have a look what the booklet for
Hex(421D63) contains.

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Color

Hex(421D63)

Conversions

Conversions Part 1

Format	Color
Hex	421D63
RGB	66, 29, 99
RGB Percent	26%, 11%, 39%
CMY	0.7412, 0.8863, 0.6118
CMYK	0.33, 0.71, 0.00, 0.61
HSL	272°, 55%, 25%
HSV	272°, 71%, 39%
XYZ	4.9383, 2.9378, 12.1112
YIQ	48.0430, -0.4180, 29.6140

Conversions

Conversions Part 2

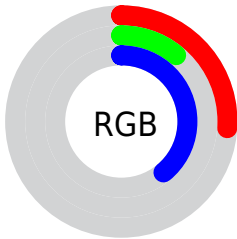
Format	Color
R_{YB}	66, 29, 99
Decimal	4332899
CIE _{Lab}	19.79, 32.29, -34.47
CIE _{LCh}	20, 47.235, 313.130
Yxy	2.9378, 0.2471, 0.1470
Android (android.graphics.Color)	4282522979 (0xFF421D63)
YUV	48.0430, 25.1218, 15.7483
Hunter-Lab	17.1401, 21.4327, -29.8961

Details

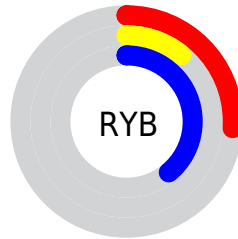
The Hex color **421D63** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3E631D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **754C96**, and **180034** is the 20% darker color. If you saturate the color by 10%, you get **3D1363**, and if you desaturate by 10%, it is **472763**.

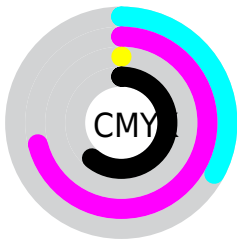
Distribution



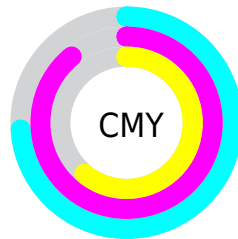
- Red (26%)
- Green (11%)
- Blue (39%)



- Red (26%)
- Yellow (11%)
- Blue (39%)



- Cyan (33%)
- Magenta (71%)
- Yellow (0%)
- Black (61%)



- Cyan (74%)
- Magenta (89%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421D63 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 421D63 by changing the saturation by 10% instead.

■ 421D63

■ 421D63

FFFFFF

■ 29054B

■ 754C96

■ 180034

■ 8F64B1

■ 00021E

■ AB7ECD

■ 000000

■ C798E9

■ E3B3FF

■ FFCFFF

■ FFE8FF

■ 421D63

■ 421D63

■ 3D1363

■ 472763

■ 390963

■ 4B3163

■ 340063

■ 503B63

■ 554563

■ 594F63

■ 5E5863

■ 636263

■ 676C63

■ 6C7663

Harmonies

Analogous

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



003074



421D63



620045

Triad

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



421D63



4C2700



003E3F

Complementary

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



421D63



3E631D

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.



003D1A



421D63



2E3300

Square

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



421D63



611100



003A00



003D5F

Rectangle

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



421D63



69002E



003A00



003E33

Sweetspot

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



421D63



736580



1D3F63



383040



BFBFBF



404040

Same Dimension

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



421D63



4C1380



631D62



2E2C30



3B0070



7F00F0

Inverse Universe

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



631D3E



801346



1D631E



302C2E



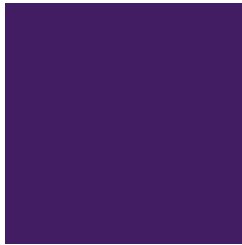
700035



F00071

Previews

White Background



This preview shows how the Hex color 421D63 looks on a white background.

Color Contrast Check

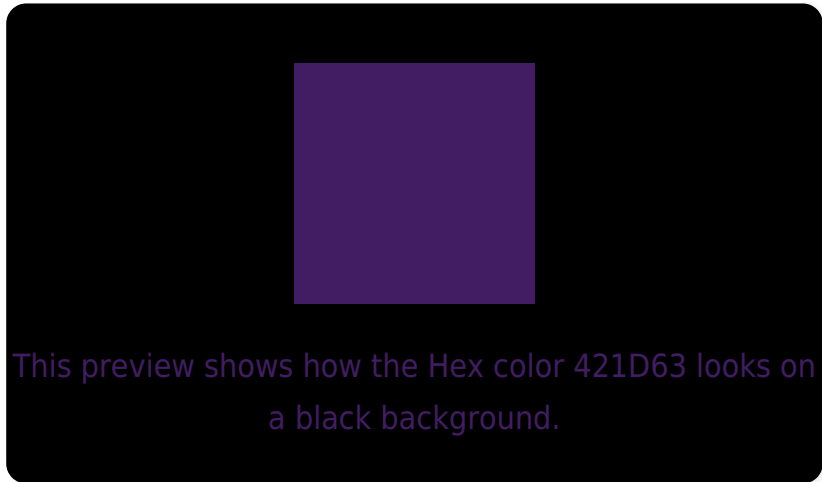
Large Text (above 18pt) WCAG AA ✓ Pass

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

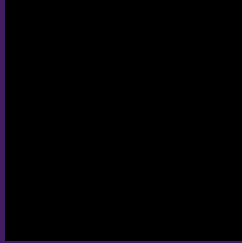
Any Text WCAG AA × Fail

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 421D63 Background



This preview shows how black text looks on a background with the Hex color 421D63.



This preview shows how white text looks on a background with the Hex color 421D63.

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
421D63

Protanopia
002F64

Deuteranopia
003257



Tritanopia
392E31

Trichromacy



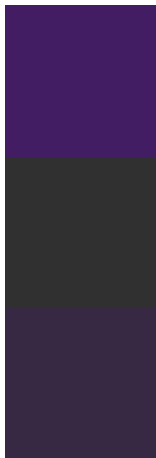
Original Color
421D63

Protanomaly
182864

Deuteranomaly
182A5B

Tritanomaly
3C2843

Monochromacy



Original Color
421D63

Achromatopsia
303030

Achromatomaly
372943

CSS Examples

Text

The CSS property to change the color of the text to Hex 421D63 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 #421D63 looks like.

```
.text, #text, p{  
    color:#421D63  
}
```

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 #421D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421D63
}
```

Border

The CSS property to change the border of an element to Hex 421D63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

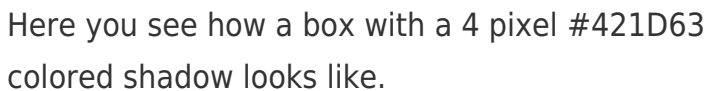
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421D63 }
```

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

```
.border{ border-color:#421D63 }
```

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



Here you see how a box with a 4 pixel #421D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421D63; -webkit-box-shadow:4px 4px  
4px 4px #421D63; box-shadow:4px 4px 4px  
4px #421D63 }
```

Background

The CSS property to change the background color of an element to Hex 421D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421D63 }
```

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

```
.background{ background-color:#421D63 }
```

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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