

Converting Colors

Hex(420082)

Have a look what the booklet for
Hex(420082) contains.

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Color

Hex(420082)

Conversions

Conversions Part 1

Format	Color
Hex	420082
RGB	66, 0, 130
RGB Percent	26%, 0%, 51%
CMY	0.7412, 1.0000, 0.4902
CMYK	0.49, 1.00, 0.00, 0.49
HSL	270°, 100%, 25%
HSV	270°, 100%, 51%
XYZ	6.2760, 2.7700, 21.3230
YIQ	34.5540, -2.3940, 54.4220

Conversions

Conversions Part 2

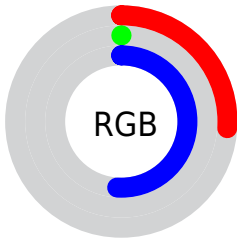
Format	Color
RYB	66, 0, 130
Decimal	4325506
CIELab	19.10, 50.81, -55.63
CIELCh	19, 75.340, 312.407
Yxy	2.7700, 0.2067, 0.0912
Android (android.graphics.Color)	4282515586 (0xFF420082)
YUV	34.5540, 47.0549, 27.5781
Hunter-Lab	16.6432, 38.1855, -64.3111

Details

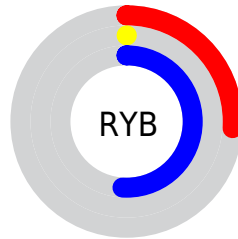
The Hex color **420082** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **408200**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **7A3BB8**, and **05004F** is the 20% darker color. If you saturate the color by 10%, you get **420082**, and if you desaturate by 10%, it is **480D82**.

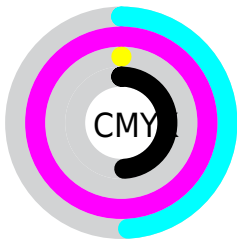
Distribution



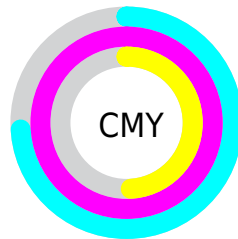
- Red (26%)
- Green (0%)
- Blue (51%)



- Red (26%)
- Yellow (0%)
- Blue (51%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (74%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420082 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 420082 by changing the saturation by 10% instead.

 420082

 420082


 FFFAFF

 240068

 7A3BB8

 05004F

 9655D4

 000237

 B26FF1

 000221

 CF89FF

 000006

 EDA4FF

 000000

 FFC0FF

 FFDDFF

 420082

 480D82

 4F1A82

 552782

 5C3482

 624182

 684E82

 6F5B82

 756882

 7C7582

Harmonies

Analogous

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



00319E



420082



790051

Triad

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



420082



531E00



004145

Complementary

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



420082



408200

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.



003F07



420082



253400

Square

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



420082



740000



003C00



00417A

Rectangle

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



420082



84002D



003C00



004032

Sweetspot

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



420082



8F76A8



004182



453654



D4D4D4



545454

Same Dimension

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



420082



5500A8



820082



3D3940



410080



000000

Inverse Universe

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



820040



A80053



008200



40393D



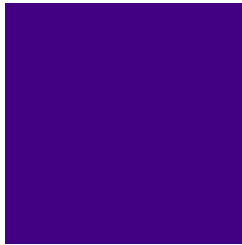
80003F



000000

Previews

White Background



This preview shows how the Hex color 420082 looks on a white background.

Color Contrast Check

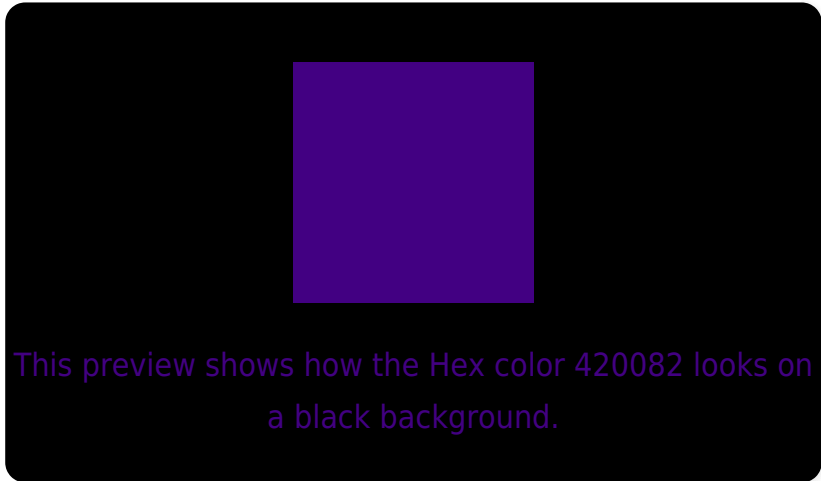
Large Text (above 18pt) WCAG AA ✓ Pass

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

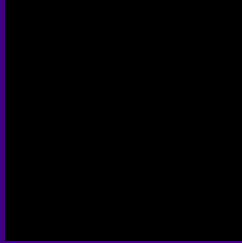
Any Text WCAG AA × Fail

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 420082 Background



This preview shows how black text looks on a background with the Hex color 420082.



This preview shows how white text looks on a background with the Hex color 420082.

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](#).

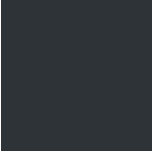
Dichromacy



Original Color
420082

Protanopia
003065

Deuteranopia
003357



Tritanopia
2D3337

Trichromacy



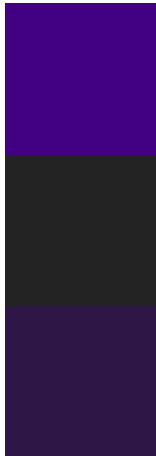
Original Color
420082

Protanomaly
181F70

Deuteranomaly
182067

Tritanomaly
352052

Monochromacy



Original Color
420082

Achromatopsia
232323

Achromatomaly
2E1646

CSS Examples

Text

The CSS property to change the color of the text to Hex 420082 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 #420082 looks like.

```
.text, #text, p{  
    color:#420082  
}
```

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 #420082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420082
}
```

Border

The CSS property to change the border of an element to Hex 420082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

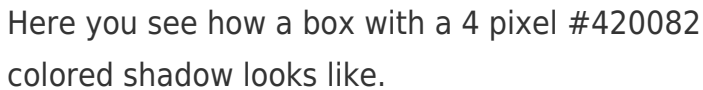
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#420082 }
```

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

```
.border{ border-color:#420082 }
```

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



Here you see how a box with a 4 pixel #420082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420082; -webkit-box-shadow:4px 4px  
4px 4px #420082; box-shadow:4px 4px 4px  
4px #420082 }
```

Background

The CSS property to change the background color of an element to Hex 420082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420082 }
```

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

```
.background{ background-color:#420082 }
```

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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