

# Converting Colors

Hex(421680)

Have a look what the booklet for  
Hex(421680) contains.

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# Color

**Hex(421680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	421680
RGB	66, 22, 128
RGB Percent	26%, 9%, 50%
CMY	0.7412, 0.9137, 0.4980
CMYK	0.48, 0.83, 0.00, 0.50
HSL	265°, 71%, 29%
HSV	265°, 83%, 50%
XYZ	6.4300, 3.2906, 20.7183
YIQ	47.2400, -7.8020, 42.2940

# Conversions

## Conversions Part 2

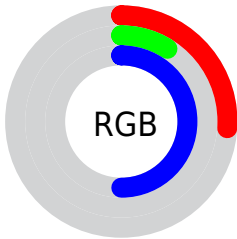
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 22, 128
Decimal	4331136
CIE <sub>Lab</sub>	21.17, 43.51, -50.94
CIE <sub>LCh</sub>	21, 66.995, 310.498
Yxy	3.2906, 0.2112, 0.1081
Android (android.graphics.Color)	4282521216 (0xFF421680)
YUV	47.2400, 39.8147, 16.4525
Hunter-Lab	18.1400, 31.5268, -55.0193

# Details

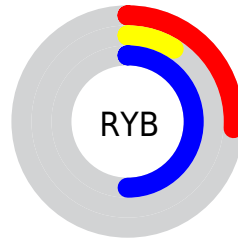
The Hex color **421680** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **548016**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7947B6**, and **08004E** is the 20% darker color. If you saturate the color by 10%, you get **3B0980**, and if you desaturate by 10%, it is **492380**.

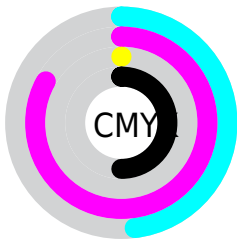
# Distribution



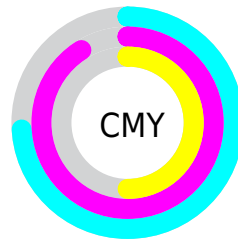
- Red (26%)
- Green (9%)
- Blue (50%)



- Red (26%)
- Yellow (9%)
- Blue (50%)



- Cyan (48%)
- Magenta (83%)
- Yellow (0%)
- Black (50%)



- Cyan (74%)
- Magenta (91%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 421680 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 421680 by changing the saturation by 10% instead.



 421680

 421680

FFFFFF

 250066


 7947B6

 08004E

 9461D2

 000036

 B07AEE

 00021F

 CD95FF

 000003

 EAB0FF

 000000

 FFCCFF

 FFE8FF

 421680

 421680

■ 3B0980

■ 492380

■ 350080

■ 513080

■ 583C80

■ 604980

■ 675680

■ 6F6380

■ 767080

■ 7E7C80

■ 858980

# Harmonies

## Analogous

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



003697



421680



760055

# Triad

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



421680



592300



004444

# Complementary

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



421680



548016

# 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.



00430D



421680



303700

# Square

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



421680



760000



003F00



004574

# Rectangle

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



421680



810035



003F00



004433



# Sweetspot

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



421680



8E7CA6



165680



453B54



D4D4D4



545454



# Same Dimension

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



421680



4602A6



751680



3C3940



350080



000000



# Inverse Universe

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



801654



A60262



218016



40393D



80004B

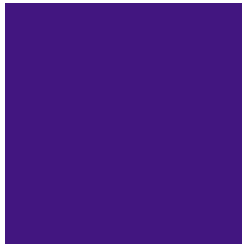


000000



# Previews

## White Background



This preview shows how the Hex color 421680 looks on a white background.

## Color Contrast Check

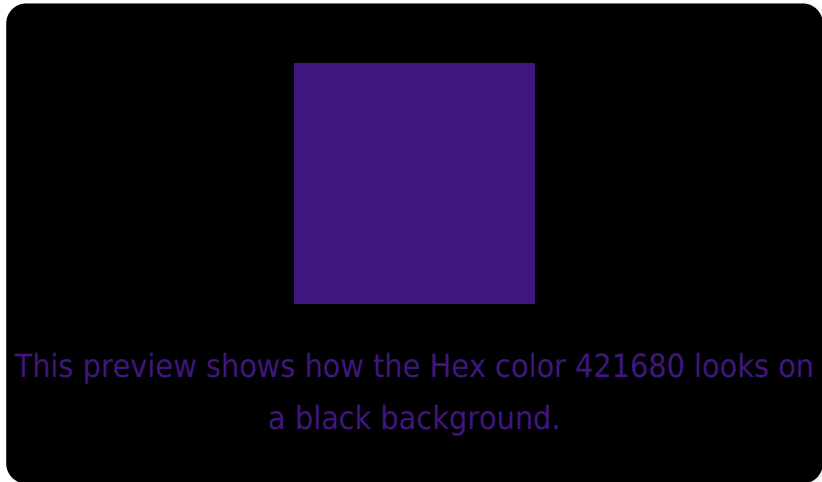
Large Text (above 18pt) WCAG AA ✓ Pass

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

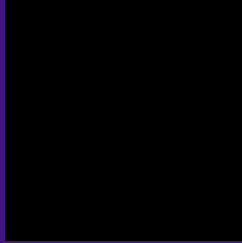
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 421680 Background



This preview shows how black text looks on a background with the Hex color 421680.



This preview shows how white text looks on a background with the Hex color 421680.

# 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**  
421680

**Protanopia**  
00326A

**Deuteranopia**  
00365B



**Tritanopia**  
2F3539

# Trichromacy



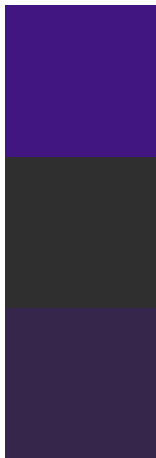
**Original Color**  
421680

**Protanomaly**  
182872

**Deuteranomaly**  
182A68

**Tritanomaly**  
362A53

# Monochromacy



**Original Color**  
421680

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
36264C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 421680 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 #421680 looks like.

```
.text, #text, p{  
    color:#421680  
}
```

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 #421680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421680
}
```

## Border

The CSS property to change the border of an element to Hex 421680 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
#421680 }
```

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

```
.border{ border-color:#421680 }
```

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

Here you see how a box with a 4 pixel #421680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421680; -webkit-box-shadow:4px 4px  
4px 4px #421680; box-shadow:4px 4px 4px  
4px #421680 }
```

# Background

The CSS property to change the background color of an element to Hex 421680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421680 }
```

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

```
.background{ background-color:#421680 }
```

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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