

Converting Colors

Hex(420058)

Have a look what the booklet for
Hex(420058) contains.

Hex(420058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(420058)

Conversions

Conversions Part 1

Format	Color
Hex	420058
RGB	66, 0, 88
RGB Percent	26%, 0%, 35%
CMY	0.7412, 1.0000, 0.6549
CMYK	0.25, 1.00, 0.00, 0.65
HSL	285°, 100%, 17%
HSV	285°, 100%, 35%
XYZ	4.0082, 1.8628, 9.3808
YIQ	29.7660, 11.0880, 41.3600

Conversions

Conversions Part 2

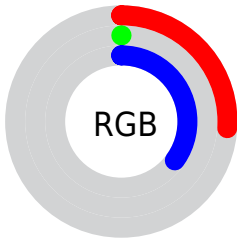
Format	Color
RYB	66, 0, 88
Decimal	4325464
CIELab	14.75, 41.49, -35.32
CIELCh	15, 54.487, 319.598
Yxy	1.8628, 0.2628, 0.1221
Android (android.graphics.Color)	4282515544 (0xFF420058)
YUV	29.7660, 28.7094, 31.7772
Hunter-Lab	13.6486, 28.5357, -31.1968

Details

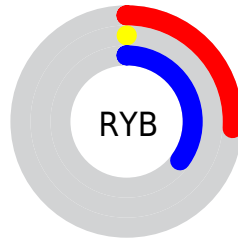
The Hex color **420058** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **165800**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **76378B**, and **0E002A** is the 20% darker color. If you saturate the color by 10%, you get **420058**, and if you desaturate by 10%, it is **440958**.

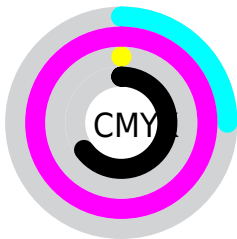
Distribution



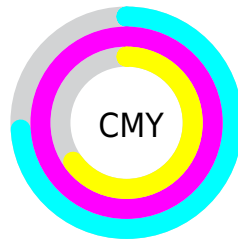
- Red (26%)
- Green (0%)
- Blue (35%)



- Red (26%)
- Yellow (0%)
- Blue (35%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (74%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420058 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 420058 by changing the saturation by 10% instead.

 420058

 420058

 FFF2FF

 2A0040

 76378B

 0E002A

 9050A5

 000113

 AC69C1

 000000

 C883DD

 E59EF9

 FFB9FF

 FFD5FF

 420058

■ 440958

■ 461258

■ 491A58

■ 4B2358

■ 4D2C58

■ 4F3558

■ 513E58

■ 544658

■ 564F58

Harmonies

Analogous

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



002270



420058



5F0034

Triad

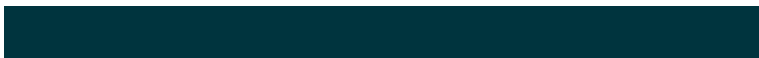
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



420058



3A1F00



00343E

Complementary

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



420058



165800

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.



003316



420058



162B00

Square

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



420058



540000



003000



003360

Rectangle

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



420058



63001B



003000



003431

Sweetspot

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



420058



6A5073



001658



35263B



BABABA



3B3B3B

Same Dimension

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



420058



560073



580042



2A272B



50006B



B000EB

Inverse Universe

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



580016



73001D



005816



2B2728



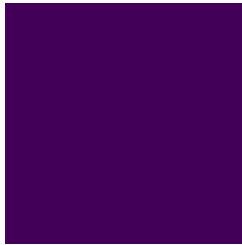
6B001B



EB003B

Previews

White Background



This preview shows how the Hex color 420058 looks on a white background.

Color Contrast Check

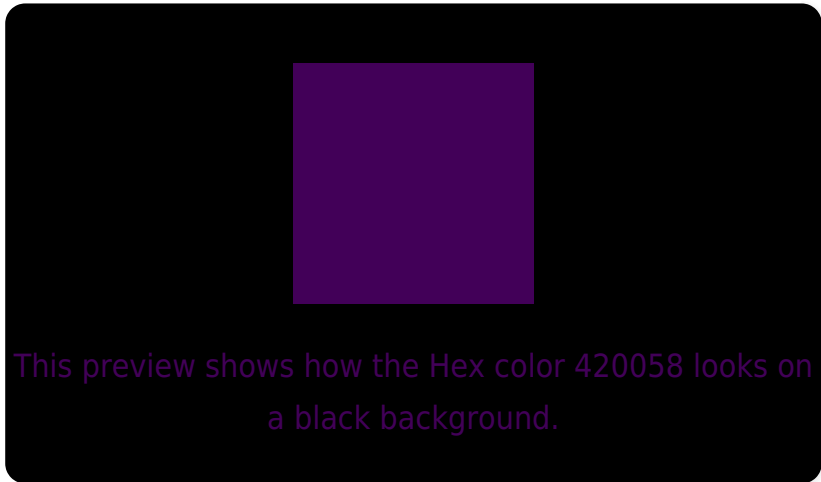
Large Text (above 18pt) WCAG AA ✓ Pass

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

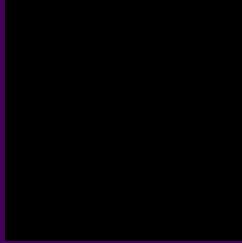
Any Text WCAG AA × Fail

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 420058 Background



This preview shows how black text looks on a background with the Hex color 420058.



This preview shows how white text looks on a background with the Hex color 420058.

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
420058

Protanopia
002854

Deuteranopia
002A49



Tritanopia
3A2225

Trichromacy



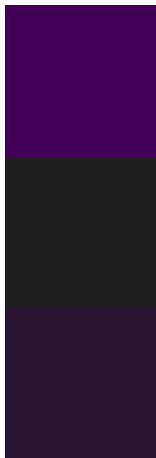
Original Color
420058

Protanomaly
181955

Deuteranomaly
181B4E

Tritanomaly
3D1638

Monochromacy



Original Color
420058

Achromatopsia
1E1E1E

Achromatomaly
2B1333

CSS Examples

Text

The CSS property to change the color of the text to Hex 420058 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 #420058 looks like.

```
.text, #text, p{  
    color:#420058  
}
```

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 #420058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420058
}
```

Border

The CSS property to change the border of an element to Hex 420058 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
#420058 }
```

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

```
.border{ border-color:#420058 }
```

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

Here you see how a box with a 4 pixel #420058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420058; -webkit-box-shadow:4px 4px  
4px 4px #420058; box-shadow:4px 4px 4px  
4px #420058 }
```

Background

The CSS property to change the background color of an element to Hex 420058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420058 }
```

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

```
.background{ background-color:#420058 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor