

Converting Colors

Hex(420557)

Have a look what the booklet for
Hex(420557) contains.

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Color

Hex(420557)

Conversions

Conversions Part 1

Format	Color
Hex	420557
RGB	66, 5, 87
RGB Percent	26%, 2%, 34%
CMY	0.7412, 0.9804, 0.6588
CMYK	0.24, 0.94, 0.00, 0.66
HSL	285°, 89%, 18%
HSV	285°, 94%, 34%
XYZ	4.0213, 1.9549, 9.1822
YIQ	32.5870, 10.0340, 38.4340

Conversions

Conversions Part 2

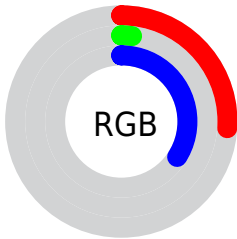
Format	Color
RYB	66, 5, 87
Decimal	4326743
CIELab	15.25, 39.53, -33.83
CIELCh	15, 52.031, 319.447
Yxy	1.9549, 0.2653, 0.1290
Android (android.graphics.Color)	4282516823 (0xFF420557)
YUV	32.5870, 26.8256, 29.3032
Hunter-Lab	13.9818, 26.8705, -29.1500




Details

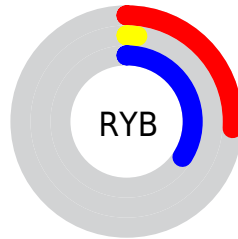
The Hex color **420557** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1A5705**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **753A8A**, and **0F0029** is the 20% darker color. If you saturate the color by 10%, you get **410057**, and if you desaturate by 10%, it is **440E57**.

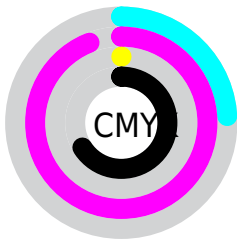
Distribution







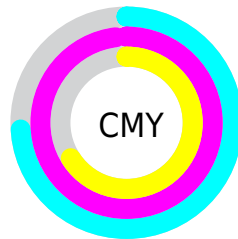
-  Red (26%)
-  Green (2%)
-  Blue (34%)






-  Red (26%)
-  Yellow (2%)
-  Blue (34%)



-  Cyan (24%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (74%)
-  Magenta (98%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420557 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 420557 by changing the saturation by 10% instead.

 420557

 420557

 FFF5FF

 2A003F

 753A8A

 0F0029

 9052A4

 000112

 AB6CBF

 000000

 C786DB

 E4A1F8

 FFBCFF

 FFD8FF

 420557

 420557

■ 410057

■ 440E57

■ 461657

■ 491F57

■ 4B2857

■ 4D3057

■ 4F3957

■ 524257

■ 544B57

■ 565357

Harmonies

Analogous

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



00236E



420557



5E0035

Triad

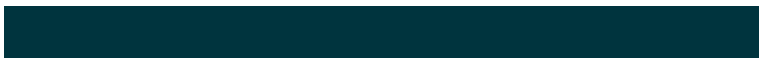
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



420557



3B2000



00343E

Complementary

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



420557



1A5705

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.



003317



420557



192C00

Square

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



420557



540500



003100



00345F

Rectangle

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



420557



62001D



003100



003431

Sweetspot

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



420557



685170



051B57



332538



B8B8B8



383838

Same Dimension

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



420557



530070



570544



2A272B



50006B



AF00EB

Inverse Universe

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



57051A



70001D



055718



2B2728



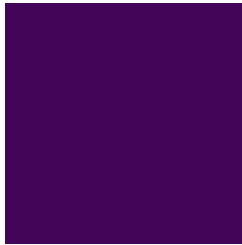
6B001B



EB003C

Previews

White Background



This preview shows how the Hex color 420557 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

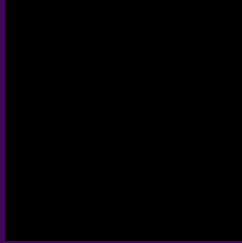
Any Text WCAG AA × Fail

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 420557 Background



This preview shows how black text looks on a background with the Hex color 420557.



This preview shows how white text looks on a background with the Hex color 420557.

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
420557

Protanopia
002854

Deuteranopia
002A49



Tritanopia
3A2225

Trichromacy



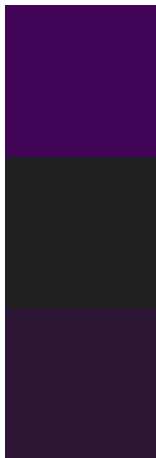
Original Color
420557

Protanomaly
181B55

Deuteranomaly
181D4E

Tritanomaly
3D1737

Monochromacy



Original Color
420557

Achromatopsia
212121

Achromatomaly
2D1735

CSS Examples

Text

The CSS property to change the color of the text to Hex 420557 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 #420557 looks like.

```
.text, #text, p{  
    color:#420557  
}
```

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 #420557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420557  
}
```

Border

The CSS property to change the border of an element to Hex 420557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

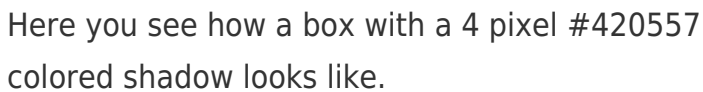
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#420557 }
```

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

```
.border{ border-color:#420557 }
```

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



Here you see how a box with a 4 pixel #420557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420557; -webkit-box-shadow:4px 4px  
4px 4px #420557; box-shadow:4px 4px 4px  
4px #420557 }
```

Background

The CSS property to change the background color of an element to Hex 420557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420557 }
```

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

```
.background{ background-color:#420557 }
```

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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