

Converting Colors

Hex(420E46)

Have a look what the booklet for
Hex(420E46) contains.

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Color

Hex(420E46)

Conversions

Conversions Part 1

Format	Color
Hex	420E46
RGB	66, 14, 70
RGB Percent	26%, 5%, 27%
CMY	0.7412, 0.9451, 0.7255
CMYK	0.06, 0.80, 0.00, 0.73
HSL	296°, 67%, 16%
HSV	296°, 80%, 27%
XYZ	3.5093, 1.9145, 5.9789
YIQ	35.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

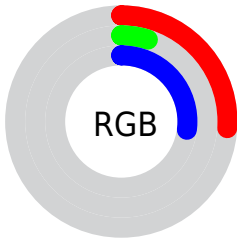
Format	Color
R _Y B	66, 14, 70
Decimal	4329030
CIE Lab	15.03, 32.73, -22.51
CIE LCh	15, 39.730, 325.480
Yxy	1.9145, 0.3078, 0.1679
Android (android.graphics.Color)	4282519110 (0xFF420E46)
YUV	35.9320, 16.7955, 26.3696
Hunter-Lab	13.8366, 21.0577, -15.9341




Details

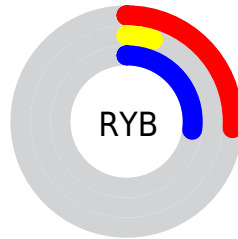
The Hex color **420E46** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **12460E**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **743E77**, and **0D001A** is the 20% darker color. If you saturate the color by 10%, you get **420746**, and if you desaturate by 10%, it is **431546**.

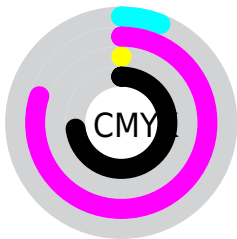
Distribution







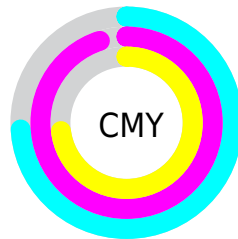
-  Red (26%)
-  Green (5%)
-  Blue (27%)






-  Red (26%)
-  Yellow (5%)
-  Blue (27%)



-  Cyan (6%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (74%)
-  Magenta (95%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420E46 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 420E46 by changing the saturation by 10% instead.

■ 420E46

■ 420E46

■ FFF9FF

■ 2B002F

■ 743E77

■ 0D001A

■ 8E5791

■ 000000

■ AA70AB

■ C58AC7

■ E2A4E3

■ FFC0FF

■ FFDCFF

■ 420E46

■ 420E46

■ 420746

■ 431546

■ 410046

■ 431C46

■ 442346

■ 442A46

■ 453146

■ 453846

■ 463F46

■ 464646

■ 474D46

Harmonies

Analogous

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



132059



420E46



53002B

Triad

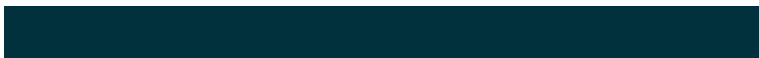
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



420E46



342300



00313D

Complementary

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



420E46



12460E

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.



003121



420E46



192B00

Square

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



420E46



481600



002F00



003054

Rectangle

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



420E46



550019



002F00



003134

Sweetspot

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



420E46



5A465C



0E1346



2D212E



ADADAD



2E2E2E

Same Dimension

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



420E46



56045C



460E2F



232024



5C0063



D300E3

Inverse Universe

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



460E12



5C040A



0E4625



242020



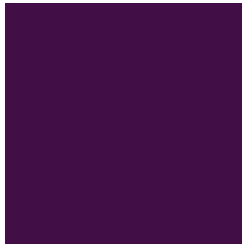
630007



E30010

Previews

White Background



This preview shows how the Hex color 420E46 looks on a white background.

Color Contrast Check

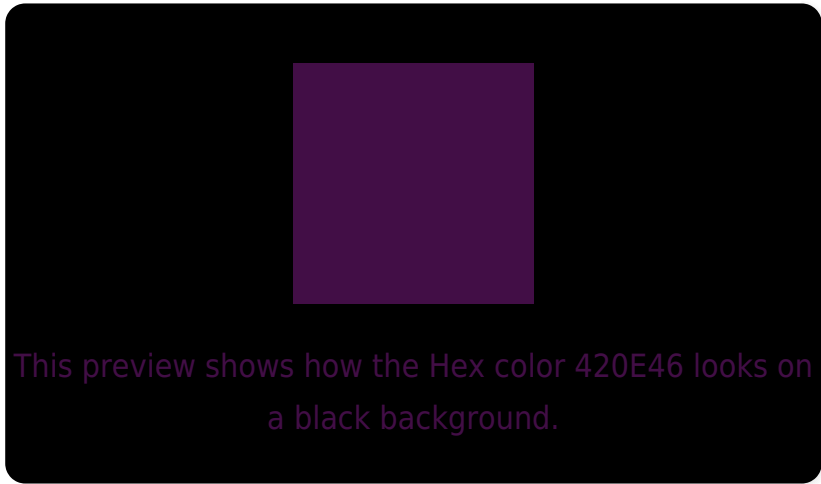
Large Text (above 18pt) WCAG AA ✓ Pass

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

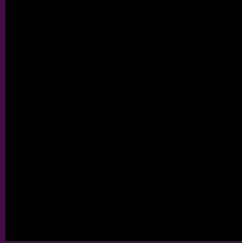
Any Text WCAG AA × Fail

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 420E46 Background



This preview shows how black text looks on a background with the Hex color 420E46.

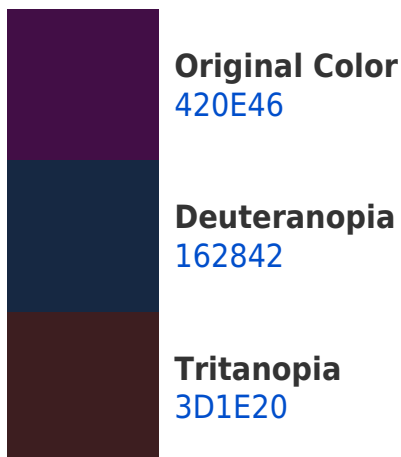


This preview shows how white text looks on a background with the Hex color 420E46.

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



Trichromacy

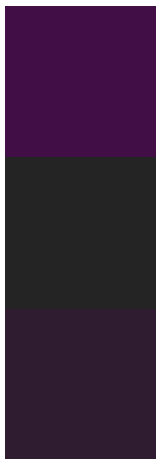


Original Color
420E46

Deuteranomaly
261F43

Tritanomaly
3F182E

Monochromacy



Original Color
420E46

Achromatopsia
242424

Achromatomaly
2F1C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 420E46 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 #420E46 looks like.

```
.text, #text, p{  
    color:#420E46  
}
```

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 #420E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420E46
}
```

Border

The CSS property to change the border of an element to Hex 420E46 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".

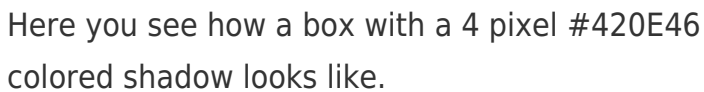
```
.border, #border, table{ border:4px solid
#420E46 }
```

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

```
.border{ border-color:#420E46 }
```

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

Here you see how a box with a 4 pixel #420E46 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420E46; -webkit-box-shadow:4px 4px  
4px 4px #420E46; box-shadow:4px 4px 4px  
4px #420E46 }
```

Background

The CSS property to change the background color of an element to Hex 420E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420E46 }
```

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

```
.background{ background-color:#420E46 }
```

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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