

Converting Colors

Hex(440C5D)

Have a look what the booklet for
Hex(440C5D) contains.

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Color

Hex(440C5D)

Conversions

Conversions Part 1

Format	Color
Hex	440C5D
RGB	68, 12, 93
RGB Percent	27%, 5%, 36%
CMY	0.7333, 0.9529, 0.6353
CMYK	0.27, 0.87, 0.00, 0.64
HSL	281°, 77%, 21%
HSV	281°, 87%, 36%
XYZ	4.4912, 2.2822, 10.5597
YIQ	37.9780, 7.3750, 37.0630

Conversions

Conversions Part 2

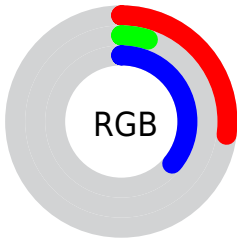
Format	Color
RYB	68, 12, 93
Decimal	4459613
CIELab	16.90, 38.94, -35.16
CIELCh	17, 52.462, 317.920
Yxy	2.2822, 0.2591, 0.1317
Android (android.graphics.Color)	4282649693 (0xFF440C5D)
YUV	37.9780, 27.1258, 26.3293
Hunter-Lab	15.1070, 26.6292, -30.8687

Details

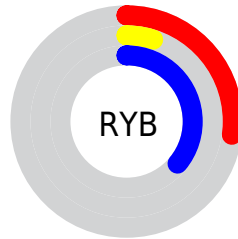
The Hex color **440C5D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **255D0C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **773F90**, and **15002E** is the 20% darker color. If you saturate the color by 10%, you get **41035D**, and if you desaturate by 10%, it is **47155D**.

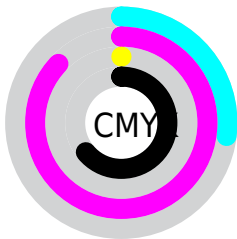
Distribution



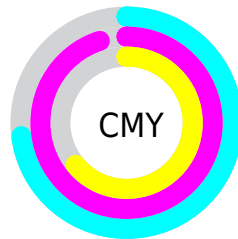
- Red (27%)
- Green (5%)
- Blue (36%)



- Red (27%)
- Yellow (5%)
- Blue (36%)



- Cyan (27%)
- Magenta (87%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440C5D 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 440C5D by changing the saturation by 10% instead.

 440C5D

 440C5D

 FFFBFF

 2B0045

 773F90

 15002E

 9257AB

 000118

 AE71C6

 000000

 CA8BE3

 E6A6FF

 FFC1FF

 FFDEFF

 440C5D

 440C5D

■ 41035D

■ 47155D

■ 40005D

■ 4A1F5D

■ 4D285D

■ 4F315D

■ 523B5D

■ 55445D

■ 584D5D

■ 5B565D

■ 5E605D

Harmonies

Analogous

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



002773



440C5D



62003B

Triad

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



440C5D



412300



003840

Complementary

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



440C5D



255D0C

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.



003718



440C5D



1F2F00

Square

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



440C5D



5A0600



003400



003762

Rectangle

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



440C5D



670022



003400



003833

Sweetspot

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



440C5D



6E5978



0C265D



372A3D



BDBDBD



3D3D3D

Same Dimension

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



440C5D



530078



5D0C4E



2C292E



4C006E



A400ED

Inverse Universe

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



5D0C25



780025



0C5D1B



2E292B



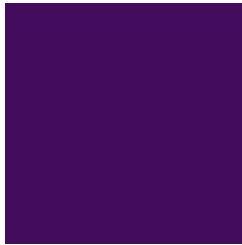
6E0022



ED0049

Previews

White Background



This preview shows how the Hex color 440C5D looks on a white background.

Color Contrast Check

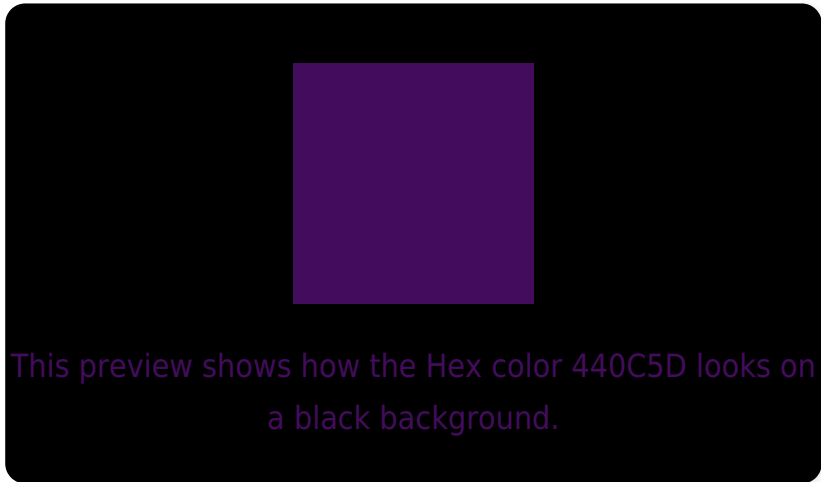
Large Text (above 18pt) WCAG AA ✓ Pass

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

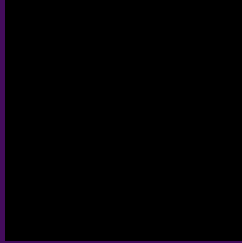
Any Text WCAG AA × Fail

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 440C5D Background



This preview shows how black text looks on a background with the Hex color 440C5D.



This preview shows how white text looks on a background with the Hex color 440C5D.

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](#).

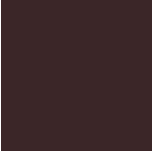
Dichromacy



Original Color
440C5D

Protanopia
002A59

Deuteranopia
002D4E



Tritanopia
3B2628

Trichromacy



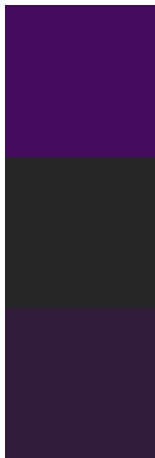
Original Color
440C5D

Protanomaly
191F5A

Deuteranomaly
192153

Tritanomaly
3E1D3B

Monochromacy



Original Color
440C5D

Achromatopsia
262626

Achromatomaly
311D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 440C5D 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 #440C5D looks like.

```
.text, #text, p{  
    color:#440C5D  
}
```

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 #440C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440C5D
}
```

Border

The CSS property to change the border of an element to Hex 440C5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

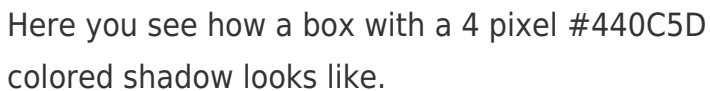
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440C5D }
```

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

```
.border{ border-color:#440C5D }
```

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



Here you see how a box with a 4 pixel #440C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440C5D; -webkit-box-shadow:4px 4px  
4px 4px #440C5D; box-shadow:4px 4px 4px  
4px #440C5D }
```

Background

The CSS property to change the background color of an element to Hex 440C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440C5D }
```

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

```
.background{ background-color:#440C5D }
```

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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