

Converting Colors

Hex(411C44)

Have a look what the booklet for
Hex(411C44) contains.

Hex(411C44)	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(411C44)

Conversions

Conversions Part 1

Format	Color
Hex	411C44
RGB	65, 28, 68
RGB Percent	25%, 11%, 27%
CMY	0.7451, 0.8902, 0.7333
CMYK	0.04, 0.59, 0.00, 0.73
HSL	296°, 42%, 19%
HSV	296°, 59%, 27%
XYZ	3.6386, 2.3717, 5.7348
YIQ	43.6230, 9.2120, 20.2840

Conversions

Conversions Part 2

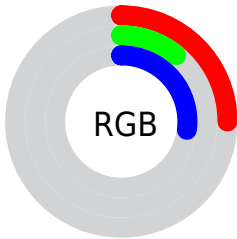
Format	Color
R_{YB}	65, 28, 68
Decimal	4267076
CIE _{Lab}	17.33, 24.86, -17.51
CIE _{LCh}	17, 30.405, 324.844
Yxy	2.3717, 0.3098, 0.2019
Android (android.graphics.Color)	4282457156 (0xFF411C44)
YUV	43.6230, 12.0179, 18.7476
Hunter-Lab	15.4003, 15.2237, -11.2986

Details

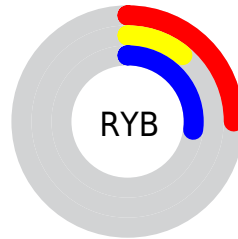
The Hex color **411C44** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F441C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **724A74**, and **120019** is the 20% darker color. If you saturate the color by 10%, you get **401544**, and if you desaturate by 10%, it is **422344**.

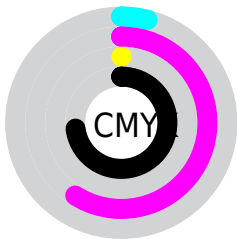
Distribution



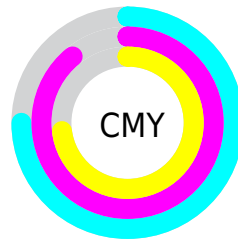
- Red (25%)
- Green (11%)
- Blue (27%)



- Red (25%)
- Yellow (11%)
- Blue (27%)



- Cyan (4%)
- Magenta (59%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 411C44 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 411C44 by changing the saturation by 10% instead.



411C44



411C44

FFFFFF



2A062E



724A74



120019



8C628E



000000



A77BA9



C295C4



DFB0E0



FBCCFC



FFE8FF



411C44



411C44

■ 401544

■ 422344

■ 400E44

■ 422A44

■ 3F0844

■ 433044

■ 3F0144

■ 433744

■ 3F0044

■ 443E44

■ 444544

■ 454C44

■ 455244

■ 465944

Harmonies

Analogous

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



222652



411C44



4F142F

Triad

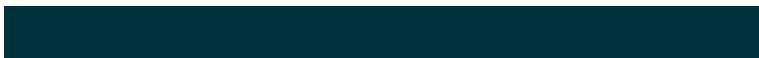
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



411C44



392800



00343C

Complementary

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



411C44



1F441C

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.



003426



411C44



242F00

Square

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



411C44



481F02



023210



00334E

Rectangle

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



411C44



511421



023210



003535

Sweetspot

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



411C44



584959



1C1F44



2D242E



ADADAD



2E2E2E

Same Dimension

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



411C44



541A59



441C33



211E21



5A0061



D000E0

Inverse Universe

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



441C1F



591A1F



1C442D



211E1E



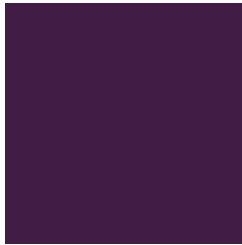
610007



E00011

Previews

White Background



This preview shows how the Hex color 411C44 looks on a white background.

Color Contrast Check

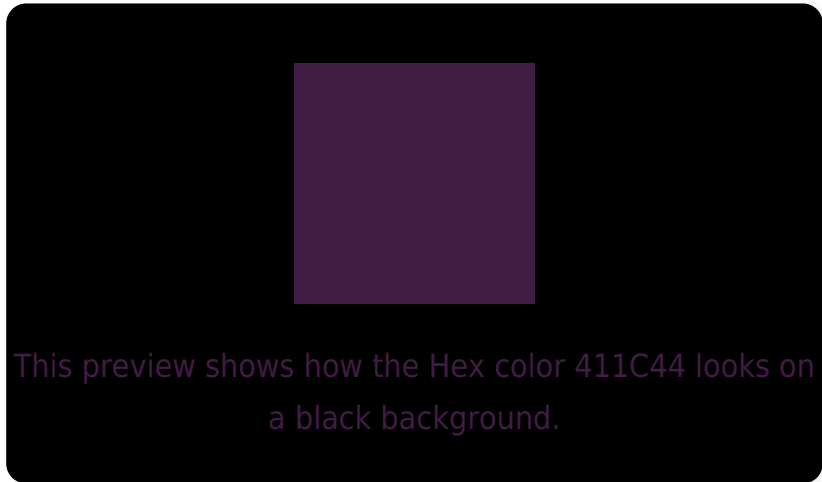
Large Text (above 18pt) WCAG AA ✓ Pass

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

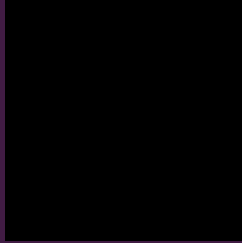
Any Text WCAG AA × Fail

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 411C44 Background



This preview shows how black text looks on a background with the Hex color 411C44.



This preview shows how white text looks on a background with the Hex color 411C44.

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
411C44

Protanopia
172A51

Deuteranopia
212B41



Tritanopia
3D2427

Trichromacy



Original Color
411C44

Protanomaly
26254C

Deuteranomaly
2D2642

Tritanomaly
3E2132

Monochromacy



Original Color
411C44

Achromatopsia
2C2C2C

Achromatomaly
342635

CSS Examples

Text

The CSS property to change the color of the text to Hex 411C44 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 #411C44 looks like.

```
.text, #text, p{  
    color:#411C44  
}
```

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 #411C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #411C44
}
```

Border

The CSS property to change the border of an element to Hex 411C44 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
#411C44 }
```

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

```
.border{ border-color:#411C44 }
```

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

Here you see how a box with a 4 pixel #411C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #411C44; -webkit-box-shadow:4px 4px  
4px 4px #411C44; box-shadow:4px 4px 4px  
4px #411C44 }
```

Background

The CSS property to change the background color of an element to Hex 411C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#411C44 }
```

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

```
.background{ background-color:#411C44 }
```

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