

Converting Colors

Hex(411D34)

Have a look what the booklet for
Hex(411D34) contains.

Hex(411D34)	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(411D34)

Conversions

Conversions Part 1

Format	Color
Hex	411D34
RGB	65, 29, 52
RGB Percent	25%, 11%, 20%
CMY	0.7451, 0.8863, 0.7961
CMYK	0.00, 0.55, 0.20, 0.75
HSL	322°, 38%, 18%
HSV	322°, 55%, 25%
XYZ	3.2392, 2.2505, 3.5125
YIQ	42.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

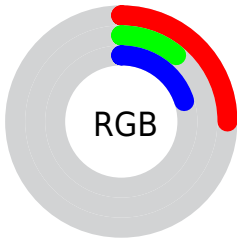
Format	Color
RYB	65, 29, 52
Decimal	4267316
CIELab	16.75, 20.94, -7.20
CIElCh	17, 22.145, 341.024
Yxy	2.2505, 0.3598, 0.2500
Android (android.graphics.Color)	4282457396 (0xFF411D34)
YUV	42.3860, 4.7397, 19.8325
Hunter-Lab	15.0016, 12.2892, -3.3810

Details

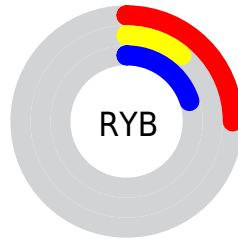
The Hex color **411D34** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D412A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **724A62**, and **0F0004** is the 20% darker color. If you saturate the color by 10%, you get **411632**, and if you desaturate by 10%, it is **412436**.

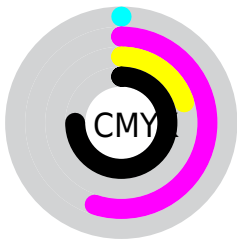
Distribution



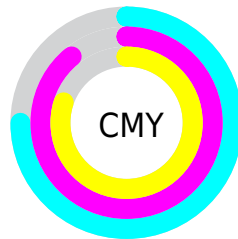
- Red (25%)
- Green (11%)
- Blue (20%)



- Red (25%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (75%)



- Cyan (75%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 411D34 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 411D34 by changing the saturation by 10% instead.

■ 411D34

■ 411D34

FFFFFF

■ 2A071F

■ 724A62

■ 0F0004

■ 8C627B

■ 000000

■ A77C95

■ C296B0

■ DEB0CB

■ FBCCE7

■ FFE8FF

■ 411D34

■ 411D34

■ 411632

■ 412436

■ 41102F

■ 412A39

■ 41092D

■ 41313B

■ 41032B

■ 41373D

■ 41002A

■ 413D40

■ 414442

■ 414A44

■ 415147

■ 415849

Harmonies

Analogous

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



322341



411D34



471B24

Triad

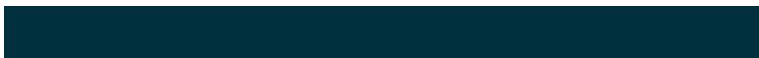
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



411D34



2D2A06



00303E

Complementary

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



411D34



1D412A

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.



00312F



411D34



1B2E10

Square

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



411D34



3B2509



00301F



002E47

Rectangle

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



411D34



461D1A



00301F



003139

Sweetspot

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



411D34



54464F



2A1D41



2B2328



ABABAB



2B2B2B

Same Dimension

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



411D34



541D40



411D22



211E20



61003E



E0008F

Inverse Universe

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



411D34



541D40



1D413C



211E20



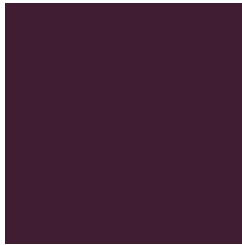
61003E



E0008F

Previews

White Background



This preview shows how the Hex color 411D34 looks on a white background.

Color Contrast Check

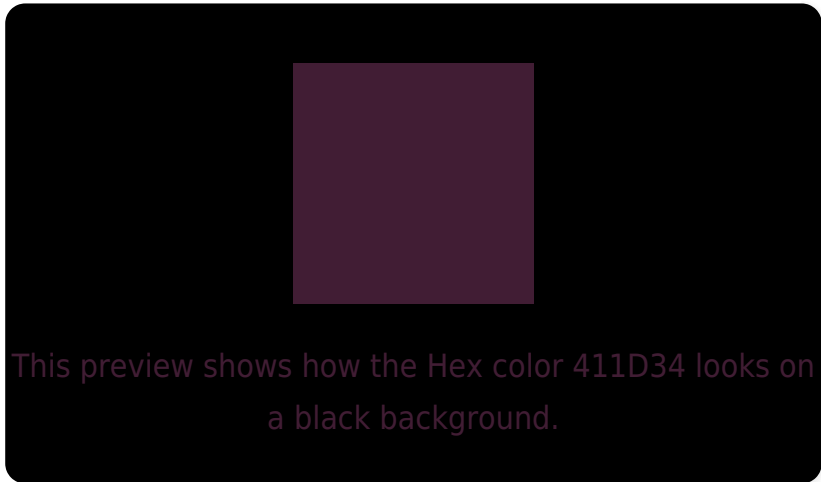
Large Text (above 18pt) WCAG AA ✓ Pass

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

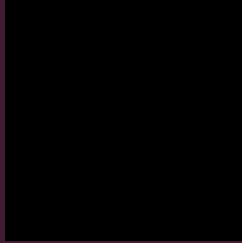
Any Text WCAG AA × Fail

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 411D34 Background



This preview shows how black text looks on a background with the Hex color 411D34.



This preview shows how white text looks on a background with the Hex color 411D34.

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
411D34

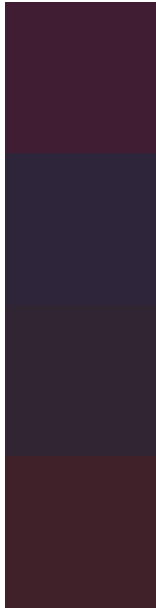
Protanopia
24293D

Deuteranopia
2A2932



Tritanopia
3F2123

Trichromacy



Original Color
411D34

Protanomaly
2F253A

Deuteranomaly
322533

Tritanomaly
402029

Monochromacy



Original Color
411D34

Achromatopsia
2A2A2A

Achromatomaly
32252E

CSS Examples

Text

The CSS property to change the color of the text to Hex 411D34 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 #411D34 looks like.

```
.text, #text, p{  
    color:#411D34  
}
```

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 #411D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #411D34
}
```

Border

The CSS property to change the border of an element to Hex 411D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

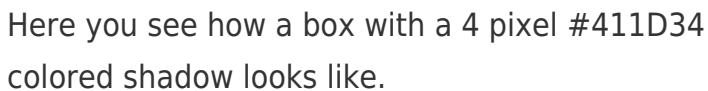
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#411D34 }
```

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

```
.border{ border-color:#411D34 }
```

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



Here you see how a box with a 4 pixel #411D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #411D34; -webkit-box-shadow:4px 4px  
4px 4px #411D34; box-shadow:4px 4px 4px  
4px #411D34 }
```

Background

The CSS property to change the background color of an element to Hex 411D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#411D34 }
```

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

```
.background{ background-color:#411D34 }
```

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