

Converting Colors

Hex(421F31)

Have a look what the booklet for
Hex(421F31) contains.

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Color

Hex(421F31)

Conversions

Conversions Part 1

Format	Color
Hex	421F31
RGB	66, 31, 49
RGB Percent	26%, 12%, 19%
CMY	0.7412, 0.8784, 0.8078
CMYK	0.00, 0.53, 0.26, 0.74
HSL	329°, 36%, 19%
HSV	329°, 53%, 26%
XYZ	3.2911, 2.3600, 3.1878
YIQ	43.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

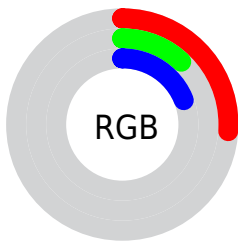
Format	Color
R_{YB}	66, 31, 49
Decimal	4333361
CIE _{Lab}	17.27, 19.55, -4.27
CIE _{LCh}	17, 20.012, 347.668
Yxy	2.3600, 0.3723, 0.2670
Android (android.graphics.Color)	4282523441 (0xFF421F31)
YUV	43.5170, 2.7031, 19.7176
Hunter-Lab	15.3622, 11.3572, -1.5496

Details

The Hex color **421F31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F4230**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **734C5F**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **42182E**, and if you desaturate by 10%, it is **422634**.

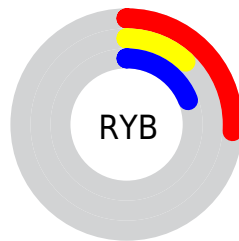
Distribution



Red (26%)

Green (12%)

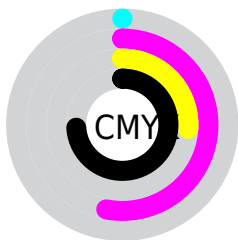
Blue (19%)



Red (26%)

Yellow (12%)

Blue (19%)

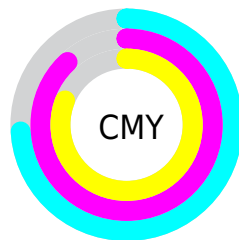


Cyan (0%)

Magenta (53%)

Yellow (26%)

Black (74%)



Cyan (74%)

Magenta (88%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421F31 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 421F31 by changing the saturation by 10% instead.



421F31



421F31

FFFFFF



2B0A1C



734C5F



120000



8D6478



000000



A87E91



C398AC



E0B3C7



FCCEE3



FFEBFF



421F31



421F31

■ 42182E

■ 422634

■ 42122B

■ 422C37

■ 420B27

■ 42333B

■ 420524

■ 42393E

■ 420022

■ 424041

■ 424744

■ 424D47

■ 42544B

■ 425A4E

Harmonies

Analogous

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



36233E



421F31



451F23

Triad

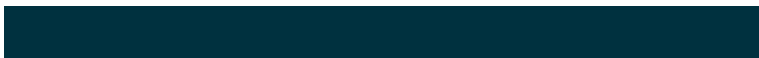
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



421F31



2B2C0D



00313F

Complementary

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



421F31



1F4230

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.



003233



421F31



1A3016

Square

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



421F31



38280D



013124



002E46

Rectangle

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



421F31



44211A



013124



00313C

Sweetspot

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



421F31



574950



301F42



2B2327



ABABAB



2B2B2B

Same Dimension

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



421F31



571F3C



421F20



211E20



610032



E00073

Inverse Universe

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



421F31



571F3C



1F4241



211E20



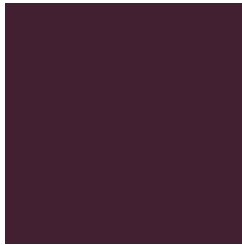
610032



E00073

Previews

White Background



This preview shows how the Hex color 421F31 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

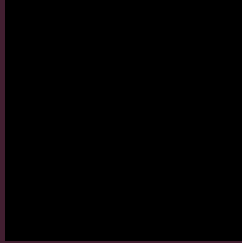
Any Text WCAG AA × Fail

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 421F31 Background



This preview shows how black text looks on a background with the Hex color 421F31.



This preview shows how white text looks on a background with the Hex color 421F31.

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
421F31

Protanopia
272B39

Deuteranopia
2D2A2F



Tritanopia
412224

Trichromacy



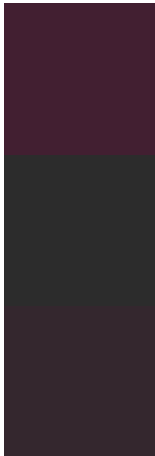
Original Color
421F31

Protanomaly
312736

Deuteranomaly
352630

Tritanomaly
412129

Monochromacy



Original Color
421F31

Achromatopsia
2C2C2C

Achromatomaly
34272E

CSS Examples

Text

The CSS property to change the color of the text to Hex 421F31 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 #421F31 looks like.

```
.text, #text, p{  
    color:#421F31  
}
```

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 #421F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421F31
}
```

Border

The CSS property to change the border of an element to Hex 421F31 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
#421F31 }
```

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

```
.border{ border-color:#421F31 }
```

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

Here you see how a box with a 4 pixel #421F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421F31; -webkit-box-shadow:4px 4px  
4px 4px #421F31; box-shadow:4px 4px 4px  
4px #421F31 }
```

Background

The CSS property to change the background color of an element to Hex 421F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421F31 }
```

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

```
.background{ background-color:#421F31 }
```

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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