

Converting Colors

Hex(421122)

Have a look what the booklet for
Hex(421122) contains.

Hex(421122)	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(421122)

Conversions

Conversions Part 1

Format	Color
Hex	421122
RGB	66, 17, 34
RGB Percent	26%, 7%, 13%
CMY	0.7412, 0.9333, 0.8667
CMYK	0.00, 0.74, 0.48, 0.74
HSL	339°, 59%, 16%
HSV	339°, 74%, 26%
XYZ	2.7359, 1.6746, 1.6924
YIQ	33.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

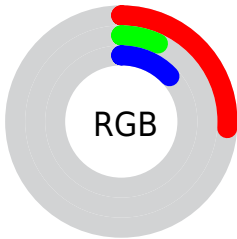
Format	Color
RYB	66, 17, 34
Decimal	4329762
CIELab	13.68, 25.31, 1.26
CIELCh	14, 25.345, 2.840
Yxy	1.6746, 0.4483, 0.2744
Android (android.graphics.Color)	4282519842 (0xFF421122)
YUV	33.5890, 0.2026, 28.4244
Hunter-Lab	12.9408, 15.0922, 1.3045




Details

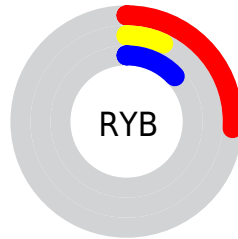
The Hex color **421122** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **114231**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **753F4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420A1E**, and if you desaturate by 10%, it is **421826**.

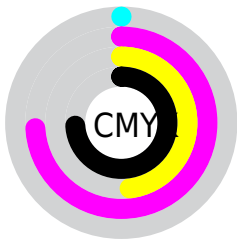
Distribution







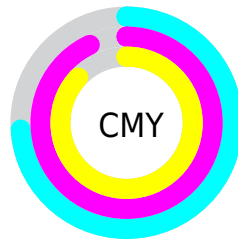
-  Red (26%)
-  Green (7%)
-  Blue (13%)






-  Red (26%)
-  Yellow (7%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (74%)
-  Yellow (48%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (93%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421122 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 421122 by changing the saturation by 10% instead.

 421122

 421122

 FFF8FF

 2C000B

 753F4E

 000000

 8F5766

 AA707F

 C68A99

 E3A4B4

 FFC0CF

 FFDCEB

 421122

 421122

■ 420A1E

■ 421826

■ 420419

■ 421E2B

■ 420017

■ 42252F

■ 422B33

■ 423238

■ 42393C

■ 423F40

■ 424644

■ 424C49

Harmonies

Analogous

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



391533



421122



411410

Triad

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



421122



1A2700



002942

Complementary

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



421122



114231

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.



002B36



421122



002A12

Square

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



421122



2B2300



002B24



002446

Rectangle

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



421122



3C1901



002B24



002A3F

Sweetspot

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



421122



57444A



311142



2B2024



ABABAB



2B2B2B

Same Dimension

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



421122



570A24



421811



211E1F



610022



E0004E

Inverse Universe

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



421122



570A24



113B42



211E1F



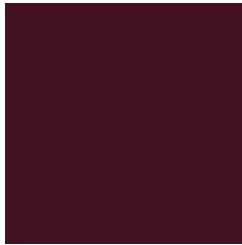
610022



E0004E

Previews

White Background



This preview shows how the Hex color 421122 looks on a white background.

Color Contrast Check

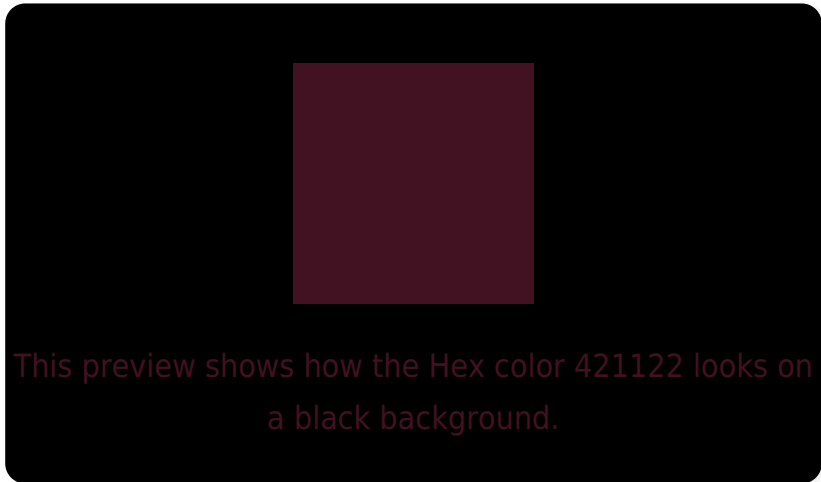
Large Text (above 18pt) WCAG AA ✓ Pass

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

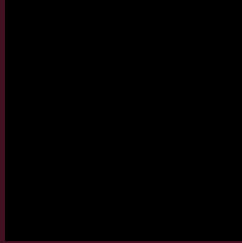
Any Text WCAG AA × Fail

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 421122 Background



This preview shows how black text looks on a background with the Hex color 421122.



This preview shows how white text looks on a background with the Hex color 421122.

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
421122

Protanopia
23242D

Deuteranopia
2A2320



Tritanopia
411415

Trichromacy



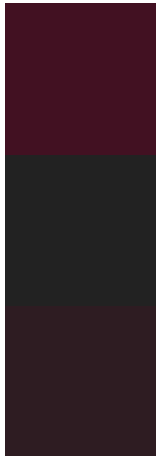
Original Color
421122

Protanomaly
2E1D29

Deuteranomaly
331C21

Tritanomaly
41131A

Monochromacy



Original Color
421122

Achromatopsia
222222

Achromatomaly
2E1C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 421122 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 #421122 looks like.

```
.text, #text, p{  
    color:#421122  
}
```

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 #421122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421122
}
```

Border

The CSS property to change the border of an element to Hex 421122 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
#421122 }
```

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

```
.border{ border-color:#421122 }
```

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

Here you see how a box with a 4 pixel #421122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421122; -webkit-box-shadow:4px 4px  
4px 4px #421122; box-shadow:4px 4px 4px  
4px #421122 }
```

Background

The CSS property to change the background color of an element to Hex 421122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421122 }
```

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

```
.background{ background-color:#421122 }
```

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