

Converting Colors

Hex(412121)

Have a look what the booklet for
Hex(412121) contains.

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Color

Hex(412121)

Conversions

Conversions Part 1

Format	Color
Hex	412121
RGB	65, 33, 33
RGB Percent	25%, 13%, 13%
CMY	0.7451, 0.8706, 0.8706
CMYK	0.00, 0.49, 0.49, 0.75
HSL	0°, 33%, 19%
HSV	0°, 49%, 25%
XYZ	2.9983, 2.3213, 1.7289
YIQ	42.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

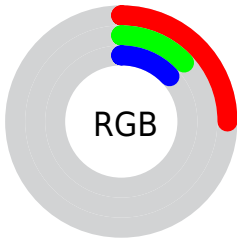
Format	Color
RYB	65, 33, 33
Decimal	4268321
CIELab	17.09, 15.35, 6.78
CIELCh	17, 16.786, 23.838
Yxy	2.3213, 0.4254, 0.3293
Android (android.graphics.Color)	4282458401 (0xFF412121)
YUV	42.5680, -4.7170, 19.6729
Hunter-Lab	15.2359, 8.4649, 3.9373

Details

The Hex color **412121** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **214141**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **734E4D**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **411B1B**, and if you desaturate by 10%, it is **412828**.

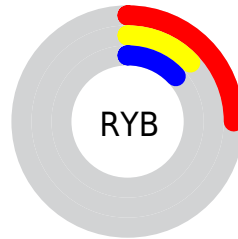
Distribution



Red (25%)

Green (13%)

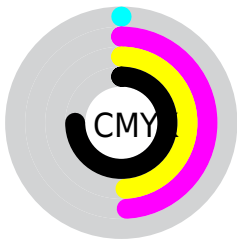
Blue (13%)



Red (25%)

Yellow (13%)

Blue (13%)

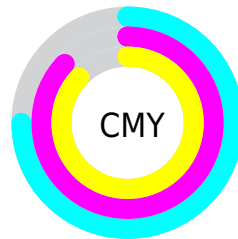


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412121 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 412121 by changing the saturation by 10% instead.

■ 412121

■ 412121

FFFFFF

■ 2A0C0A

■ 734E4D

■ 070000

■ 8D6665

■ 000000

■ A87F7E

■ C39998

■ DFB4B2

■ FCD0CE

■ FFECEA

■ 412121

■ 412121

■ 411B1B

■ 412828

■ 411414

■ 412E2E

■ 410E0E

■ 413535

■ 410707

■ 413B3B

■ 410101

■ 414242

■ 410000

■ 414848

■ 414F4F

■ 415555

■ 415C5C

Harmonies

Analogous

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



3F212D



412121



3D2417

Triad

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



412121



1A2F1B



122C42

Complementary

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



412121



214141

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.



002F3D



412121



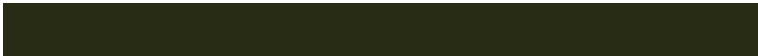
073027

Square

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



412121



282C14



003033



272840

Rectangle

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



412121



372713



003033



082D41

Sweetspot

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



412121



544848



412141



2B2424



ABABAB



2B2B2B

Same Dimension

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



412121



542323



413121



211E1E



610000



E00000

Inverse Universe

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



214141



235454



213141



1E2121



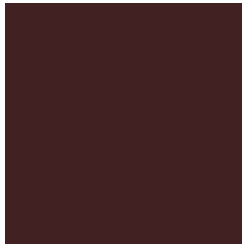
006161



00E0E0

Previews

White Background



This preview shows how the Hex color 412121 looks on a white background.

Color Contrast Check

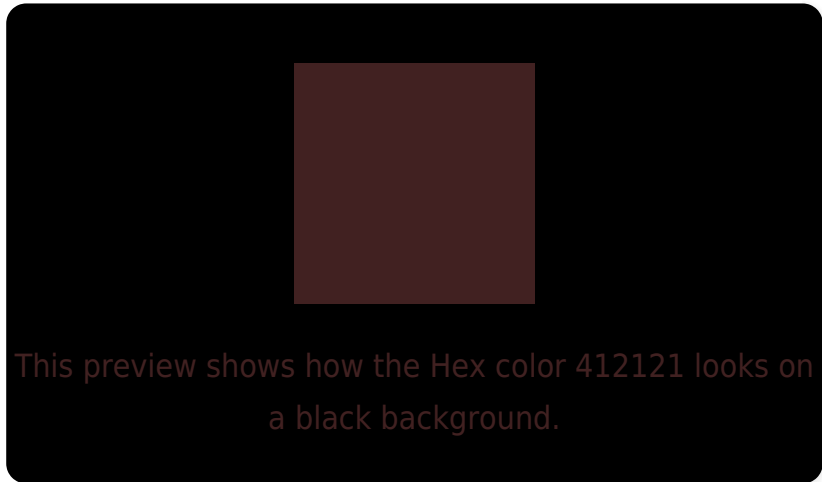
Large Text (above 18pt) WCAG AA ✓ Pass

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

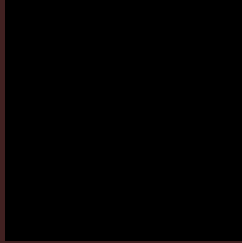
Any Text WCAG AA × Fail

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 412121 Background



This preview shows how black text looks on a background with the Hex color 412121.



This preview shows how white text looks on a background with the Hex color 412121.

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

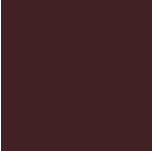
[412121](#)

Protanopia

[2D2B26](#)

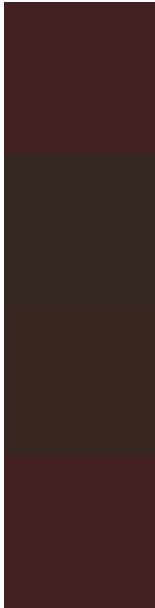
Deuteranopia

[322920](#)



Tritanopia
412123

Trichromacy



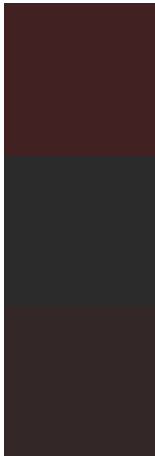
Original Color
412121

Protanomaly
342724

Deuteranomaly
372620

Tritanomaly
412122

Monochromacy



Original Color
412121

Achromatopsia
2B2B2B

Achromatomaly
332727

CSS Examples

Text

The CSS property to change the color of the text to Hex 412121 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 #412121 looks like.

```
.text, #text, p{  
    color:#412121  
}
```

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 #412121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412121
}
```

Border

The CSS property to change the border of an element to Hex 412121 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".

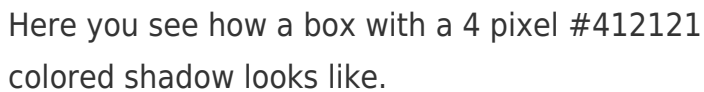
```
.border, #border, table{ border:4px solid
#412121 }
```

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

```
.border{ border-color:#412121 }
```

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

Here you see how a box with a 4 pixel #412121 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412121; -webkit-box-shadow:4px 4px  
4px 4px #412121; box-shadow:4px 4px 4px  
4px #412121 }
```

Background

The CSS property to change the background color of an element to Hex 412121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412121 }
```

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

```
.background{ background-color:#412121 }
```

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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