

Converting Colors

Hex(424117)

Have a look what the booklet for
Hex(424117) contains.

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Color

Hex(424117)

Conversions

Conversions Part 1

Format	Color
Hex	424117
RGB	66, 65, 23
RGB Percent	26%, 25%, 9%
CMY	0.7412, 0.7451, 0.9098
CMYK	0.00, 0.02, 0.65, 0.74
HSL	59°, 48%, 17%
HSV	59°, 65%, 26%
XYZ	4.2917, 5.0007, 1.5496
YIQ	60.5110, 14.0780, -12.8500

Conversions

Conversions Part 2

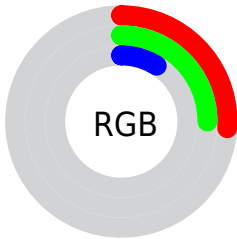
Format	Color
R_{YB}	24, 66, 23
Decimal	4342039
CIE Lab	26.74, -6.16, 25.22
CIE LCh	27, 25.959, 103.735
Yxy	5.0007, 0.3958, 0.4612
Android (android.graphics.Color)	4282532119 (0xFF424117)
YUV	60.5110, -18.4929, 4.8139
Hunter-Lab	22.3623, -4.8766, 11.5449

Details

The Hex color **424117** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171842**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **737144**, and **131700** is the 20% darker color. If you saturate the color by 10%, you get **424110**, and if you desaturate by 10%, it is **42411E**.

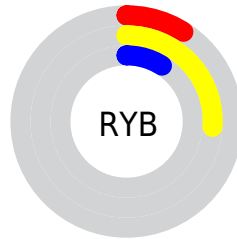
Distribution



 Red (26%)

 Green (25%)

 Blue (9%)



 Red (9%)

 Yellow (26%)

 Blue (9%)

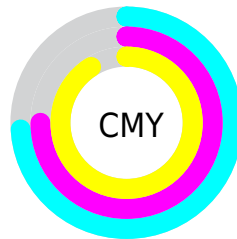


 Cyan (0%)

 Magenta (2%)

 Yellow (65%)

 Black (74%)



 Cyan (74%)

 Magenta (75%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424117 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 424117 by changing the saturation by 10% instead.



424117



424117

FFFFFFD



2C2B00



737144



131700



8D8A5C



000000



A8A475



C4BF8F



E0DBA9



FDF8C5



FFFFE1



424117



424117

■ 424110

■ 42411E

■ 42410A

■ 424124

■ 424103

■ 42412B

■ 424000

■ 424231

■ 424238

■ 42423F

■ 424245

■ 42424C

■ 424252

Harmonies

Analogous

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



543A19



424117



2C4621

Triad

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



424117



00485A



5E304B

Complementary

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



424117



171842

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.



4C365C



424117



004465

Square

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



424117



004948



2E3E66



642F37

Rectangle

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



424117



19482D



2E3E66



5A3251

Sweetspot

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



424117



575645



421718



2B2B21



ABABAB



2B2B2B

Same Dimension

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



424117



575513



2E4217



21211E



615F00



E0DB00

Inverse Universe

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



171842



131557



2B1742



1E1E21



000261



0005E0

Previews

White Background



This preview shows how the Hex color 424117 looks on a white background.

Color Contrast Check

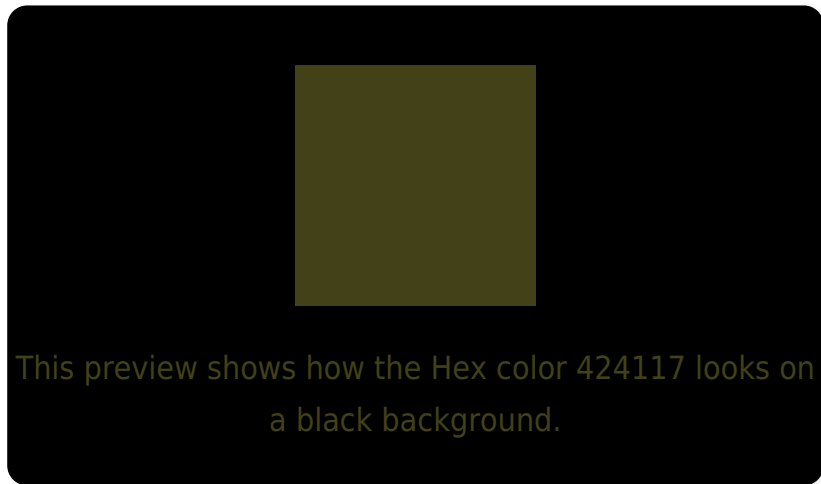
Large Text (above 18pt) WCAG AA ✓ Pass

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

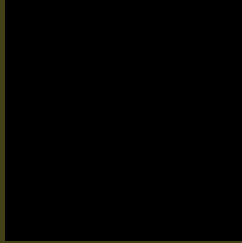
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

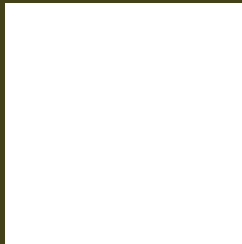
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 424117 Background



This preview shows how black text looks on a background with the Hex color 424117.



This preview shows how white text looks on a background with the Hex color 424117.

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
424117

Protanopia
473F17

Deuteranopia
4F3C19



Tritanopia
463D42

Trichromacy



Original Color
424117

Protanomaly
454017

Deuteranomaly
4A3E18

Tritanomaly
453E32

Monochromacy



Original Color
424117

Achromatopsia
3D3D3D

Achromatomaly
3F3E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 424117 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 #424117 looks like.

```
.text, #text, p{  
    color:#424117  
}
```

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 #424117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424117
}
```

Border

The CSS property to change the border of an element to Hex 424117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

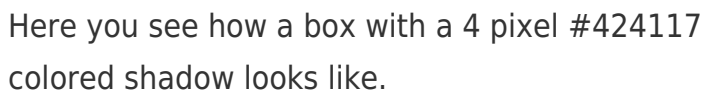
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424117 }
```

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

```
.border{ border-color:#424117 }
```

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



Here you see how a box with a 4 pixel #424117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424117; -webkit-box-shadow:4px 4px  
4px 4px #424117; box-shadow:4px 4px 4px  
4px #424117 }
```

Background

The CSS property to change the background color of an element to Hex 424117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424117 }
```

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

```
.background{ background-color:#424117 }
```

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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