

Converting Colors

Hex(412B20)

Have a look what the booklet for
Hex(412B20) contains.

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Color

Hex(412B20)

Conversions

Conversions Part 1

Format	Color
Hex	412B20
RGB	65, 43, 32
RGB Percent	25%, 17%, 13%
CMY	0.7451, 0.8314, 0.8745
CMYK	0.00, 0.34, 0.51, 0.75
HSL	20°, 34%, 19%
HSV	20°, 51%, 25%
XYZ	3.3046, 2.9559, 1.7629
YIQ	48.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

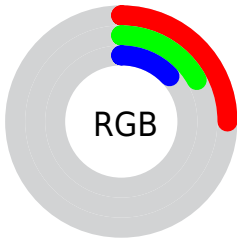
Format	Color
RYB	65, 49, 32
Decimal	4270880
CIELab	19.87, 8.59, 11.24
CIElCh	20, 14.151, 52.602
Yxy	2.9559, 0.4119, 0.3684
Android (android.graphics.Color)	4282460960 (0xFF412B20)
YUV	48.3240, -8.0477, 14.6249
Hunter-Lab	17.1926, 4.2221, 5.9554

Details

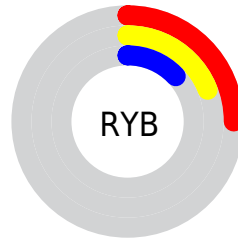
The Hex color **412B20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **203641**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **72584C**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **41271A**, and if you desaturate by 10%, it is **412F27**.

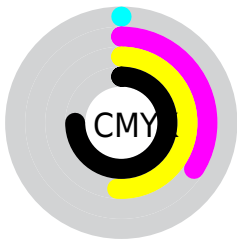
Distribution



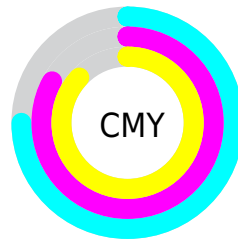
- Red (25%)
- Green (17%)
- Blue (13%)



- Red (25%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (75%)



- Cyan (75%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412B20 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 412B20 by changing the saturation by 10% instead.

 412B20

 412B20

FFFFFF

 2A1609

 72584C

 130000

 8C7164

 000000

 A78A7D

 C2A597

 DEC0B2

 FBDCCD

 FFF8E9

 412B20

 412B20

■ 41271A

■ 412F27

■ 412213

■ 41342D

■ 411E0C

■ 413834

■ 411A06

■ 413C3A

■ 411600

■ 414141

■ 414547

■ 41494E

■ 414E54

■ 41525A

Harmonies

Analogous

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



442929



412B20



392E1C

Triad

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



412B20



17352D



2E2E43

Complementary

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



412B20



203641

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.



1E3244



412B20



0C3638

Square

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



412B20



233423



0F3440



3B2B3D

Rectangle

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



412B20



33311C



0F3440



293044

Sweetspot

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



412B20



544C48



412036



2B2624



ABABAB



2B2B2B

Same Dimension

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



412B20



543221



413C20



211F1E



612000



E04B00

Inverse Universe

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



203641



214354



202641



1E2021



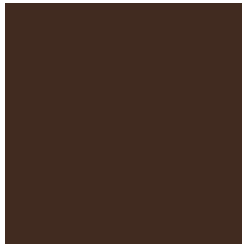
004161



0096E0

Previews

White Background



This preview shows how the Hex color 412B20 looks on a white background.

Color Contrast Check

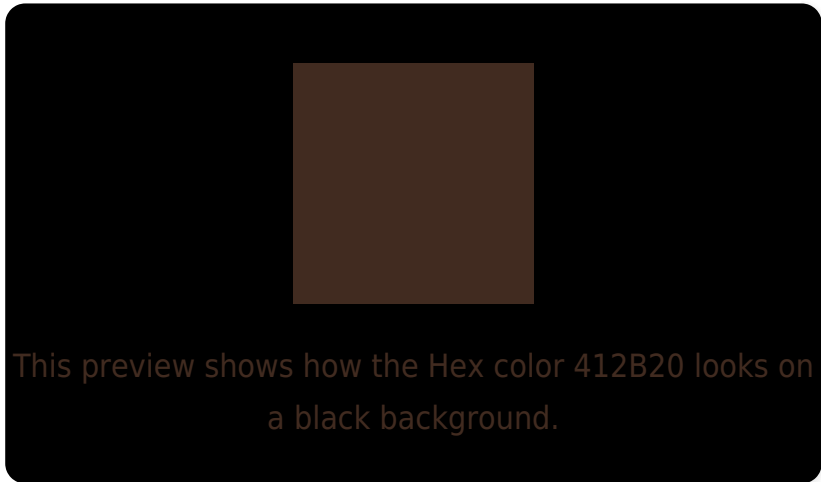
Large Text (above 18pt) WCAG AA ✓ Pass

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

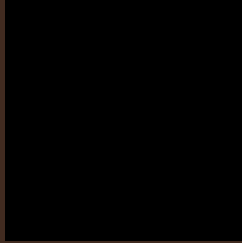
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

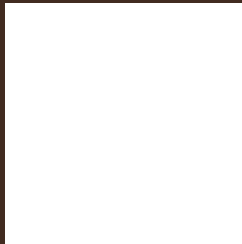
Any Text WCAG AAA × Fail

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

Hex 412B20 Background



This preview shows how black text looks on a background with the Hex color 412B20.

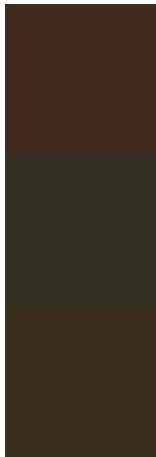


This preview shows how white text looks on a background with the Hex color 412B20.

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
412B20

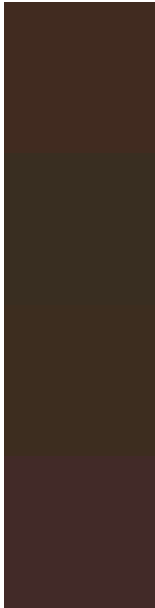
Protanopia
343022

Deuteranopia
3A2E1F



Tritanopia
42292C

Trichromacy



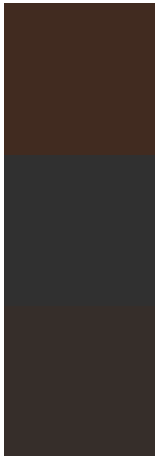
Original Color
412B20

Protanomaly
392E21

Deuteranomaly
3D2D1F

Tritanomaly
422A28

Monochromacy



Original Color
412B20

Achromatopsia
303030

Achromatomaly
362E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 412B20 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 #412B20 looks like.

```
.text, #text, p{  
    color:#412B20  
}
```

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 #412B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412B20
}
```

Border

The CSS property to change the border of an element to Hex 412B20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

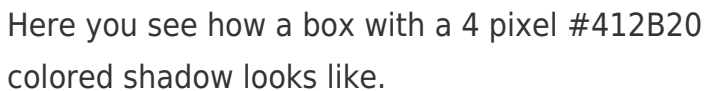
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412B20 }
```

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

```
.border{ border-color:#412B20 }
```

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



Here you see how a box with a 4 pixel #412B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412B20; -webkit-box-shadow:4px 4px  
4px 4px #412B20; box-shadow:4px 4px 4px  
4px #412B20 }
```

Background

The CSS property to change the background color of an element to Hex 412B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412B20 }
```

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

```
.background{ background-color:#412B20 }
```

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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