

Converting Colors

Hex(412328)

Have a look what the booklet for
Hex(412328) contains.

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Color

Hex(412328)

Conversions

Conversions Part 1

Format	Color
Hex	412328
RGB	65, 35, 40
RGB Percent	25%, 14%, 16%
CMY	0.7451, 0.8627, 0.8431
CMYK	0.00, 0.46, 0.38, 0.75
HSL	350°, 30%, 20%
HSV	350°, 46%, 25%
XYZ	3.1640, 2.4791, 2.3192
YIQ	44.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

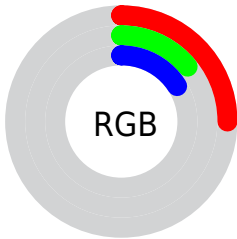
Format	Color
RYB	65, 35, 40
Decimal	4268840
CIELab	17.82, 15.05, 2.88
CIELCh	18, 15.324, 10.820
Yxy	2.4791, 0.3974, 0.3114
Android (android.graphics.Color)	4282458920 (0xFF412328)
YUV	44.5400, -2.2382, 17.9434
Hunter-Lab	15.7451, 8.3160, 2.2882

Details

The Hex color **412328** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23413C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **725055**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **411D23**, and if you desaturate by 10%, it is **412A2D**.

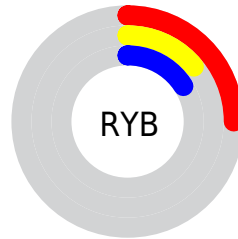
Distribution



Red (25%)

Green (14%)

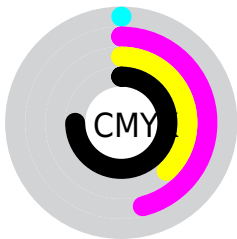
Blue (16%)



Red (25%)

Yellow (14%)

Blue (16%)

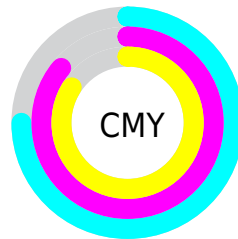


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412328 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 412328 by changing the saturation by 10% instead.



412328



412328

FFFFFF



2A0E14



725055



0E0000



8C686D



000000



A78286



C29CA1



DEB7BC



FBD2D7



FFEFF4



412328



412328

■ 411D23

■ 412A2D

■ 41161D

■ 413033

■ 411018

■ 413738

■ 410912

■ 413D3E

■ 41030D

■ 414443

■ 41000B

■ 414A49

■ 41514E

■ 415753

■ 415E59

Harmonies

Analogous

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



3D2433



412328



3F251E

Triad

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



412328



232F1B



0E2F40

Complementary

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



412328



23413C

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.



00313A



412328



153124

Square

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



412328



2F2C16



05322F



222B41

Rectangle

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



412328



3B2719



05322F



07303F

Sweetspot

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



412328



54484A



3C2341



2B2425



ABABAB



2B2B2B

Same Dimension

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



412328



54262E



412D23



211E1E



610010



E00025

Inverse Universe

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



412328



54262E



233741



211E1E



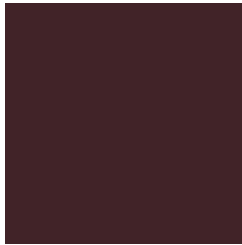
610010



E00025

Previews

White Background



This preview shows how the Hex color 412328 looks on a white background.

Color Contrast Check

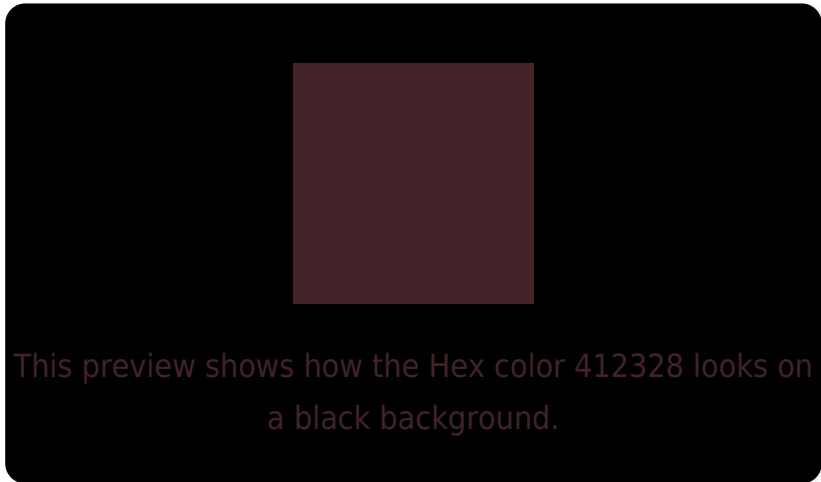
Large Text (above 18pt) WCAG AA ✓ Pass

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

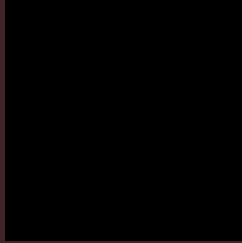
Any Text WCAG AA × Fail

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 412328 Background



This preview shows how black text looks on a background with the Hex color 412328.

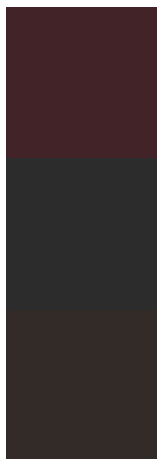


This preview shows how white text looks on a background with the Hex color 412328.

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
412328

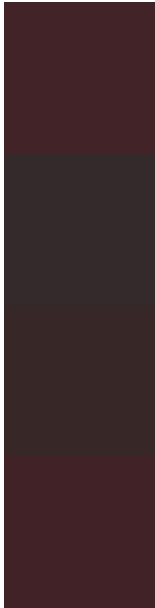
Protanopia
2D2C2D

Deuteranopia
322B27



Tritanopia
412326

Trichromacy



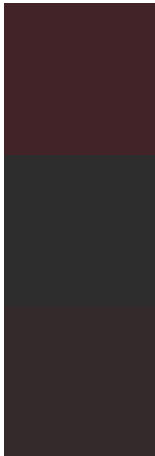
Original Color
412328

Protanomaly
34292B

Deuteranomaly
372827

Tritanomaly
412327

Monochromacy



Original Color
412328

Achromatopsia
2D2D2D

Achromatomaly
34292B

CSS Examples

Text

The CSS property to change the color of the text to Hex 412328 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 #412328 looks like.

```
.text, #text, p{  
    color:#412328  
}
```

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 #412328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412328
}
```

Border

The CSS property to change the border of an element to Hex 412328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

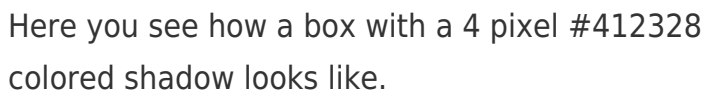
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412328 }
```

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

```
.border{ border-color:#412328 }
```

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



Here you see how a box with a 4 pixel #412328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412328; -webkit-box-shadow:4px 4px  
4px 4px #412328; box-shadow:4px 4px 4px  
4px #412328 }
```

Background

The CSS property to change the background color of an element to Hex 412328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412328 }
```

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

```
.background{ background-color:#412328 }
```

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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