

Converting Colors

Hex(401202)

Have a look what the booklet for
Hex(401202) contains.

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Color

Hex(401202)

Conversions

Conversions Part 1

Format	Color
Hex	401202
RGB	64, 18, 2
RGB Percent	25%, 7%, 1%
CMY	0.7490, 0.9294, 0.9922
CMYK	0.00, 0.72, 0.97, 0.75
HSL	15°, 94%, 13%
HSV	15°, 97%, 25%
XYZ	2.3416, 1.5270, 0.2288
YIQ	29.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

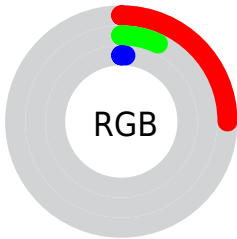
Format	Color
RYB	64, 24, 2
Decimal	4198914
CIELab	12.78, 21.44, 18.76
CIELCh	13, 28.491, 41.182
Yxy	1.5270, 0.5715, 0.3727
Android (android.graphics.Color)	4282388994 (0xFF401202)
YUV	29.9300, -13.7695, 29.8794
Hunter-Lab	12.3571, 12.1999, 7.5524

Details

The Hex color **401202** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **023040**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **743F31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **401100**, and if you desaturate by 10%, it is **401708**.

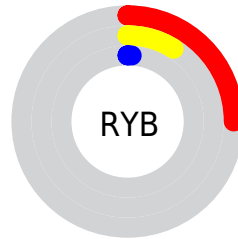
Distribution



Red (25%)

Green (7%)

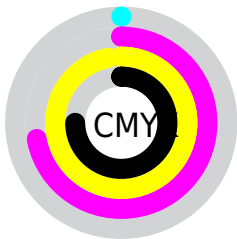
Blue (1%)



Red (25%)

Yellow (9%)

Blue (1%)

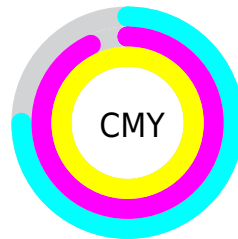


Cyan (0%)

Magenta (72%)

Yellow (97%)

Black (75%)



Cyan (75%)

Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401202 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 401202 by changing the saturation by 10% instead.

 401202

 401202

 FFF7E3

 290000

 743F31

 000000

 8F5747

 AA6F5F

 C78978

 E4A391

 FFBFAC

 FFD7C7

 401202

 401202

■ 401100

■ 401708

■ 401B0F

■ 402015

■ 40251C

■ 402A22

■ 402E28

■ 40332F

■ 403835

■ 403D3C

Harmonies

Analogous

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



440B1B



401202



341B00

Triad

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



401202



002914



002148

Complementary

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



401202



023040

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.



002747



401202



002A28

Square

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



401202



102700



00293B



2B183F

Rectangle

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



401202



2A2000



00293B



002349

Sweetspot

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



401202



54423C



400231



2B201C



ABABAB



2B2B2B

Same Dimension

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



401202



541600



403102



211F1E



611900



E03A00

Inverse Universe

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



023040



003E54



021240



1E2021



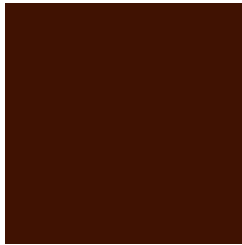
004861



00A6E0

Previews

White Background



This preview shows how the Hex color 401202 looks on a white background.

Color Contrast Check

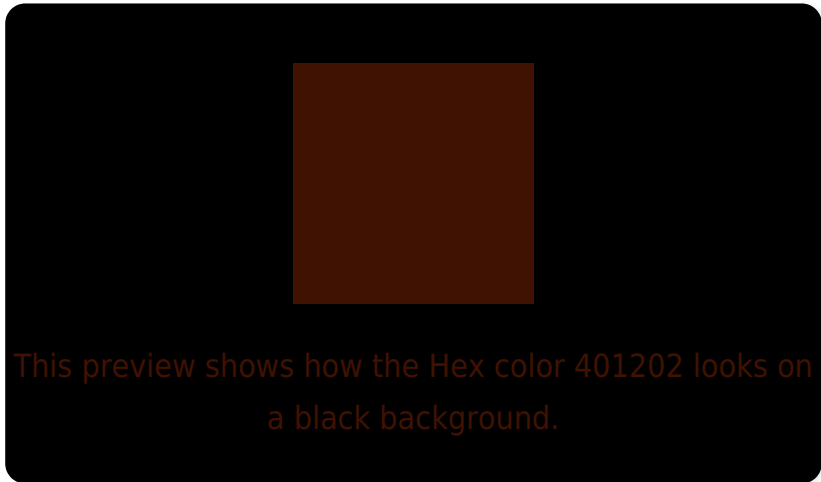
Large Text (above 18pt) WCAG AA ✓ Pass

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

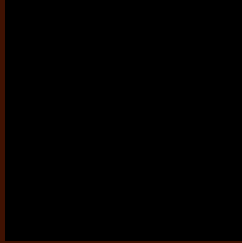
Any Text WCAG AA × Fail

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 401202 Background



This preview shows how black text looks on a background with the Hex color 401202.

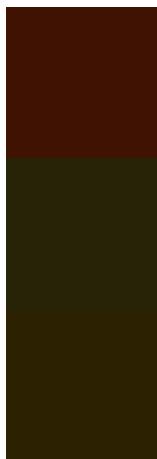


This preview shows how white text looks on a background with the Hex color 401202.

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
401202

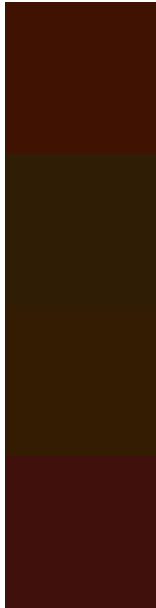
Protanopia
272307

Deuteranopia
2C2100



Tritanopia
401111

Trichromacy



Original Color
401202

Protanomaly
301D05

Deuteranomaly
331C01

Tritanomaly
40110C

Monochromacy



Original Color
401202

Achromatopsia
1E1E1E

Achromatomaly
2A1A14

CSS Examples

Text

The CSS property to change the color of the text to Hex 401202 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 #401202 looks like.

```
.text, #text, p{  
    color:#401202  
}
```

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 #401202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401202
}
```

Border

The CSS property to change the border of an element to Hex 401202 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".

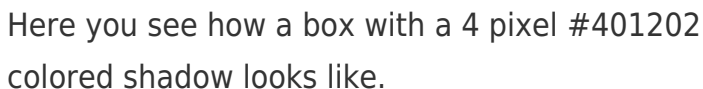
```
.border, #border, table{ border:4px solid
#401202 }
```

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

```
.border{ border-color:#401202 }
```

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

Here you see how a box with a 4 pixel #401202 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401202; -webkit-box-shadow:4px 4px  
4px 4px #401202; box-shadow:4px 4px 4px  
4px #401202 }
```

Background

The CSS property to change the background color of an element to Hex 401202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401202 }
```

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

```
.background{ background-color:#401202 }
```

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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