

Converting Colors

Hex(401710)

Have a look what the booklet for
Hex(401710) contains.

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Color

Hex(401710)

Conversions

Conversions Part 1

Format	Color
Hex	401710
RGB	64, 23, 16
RGB Percent	25%, 9%, 6%
CMY	0.7490, 0.9098, 0.9373
CMYK	0.00, 0.64, 0.75, 0.75
HSL	9°, 60%, 16%
HSV	9°, 75%, 25%
XYZ	2.5143, 1.7402, 0.6936
YIQ	34.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

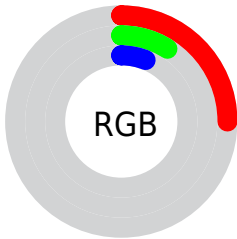
Format	Color
RYB	64, 24, 16
Decimal	4200208
CIELab	14.06, 19.41, 14.32
CIElCh	14, 24.122, 36.419
Yxy	1.7402, 0.5081, 0.3517
Android (android.graphics.Color)	4282390288 (0xFF401710)
YUV	34.4610, -9.1013, 25.9057
Hunter-Lab	13.1916, 10.9361, 6.1168

Details

The Hex color **401710** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **103940**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **73443A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **40120A**, and if you desaturate by 10%, it is **401C16**.

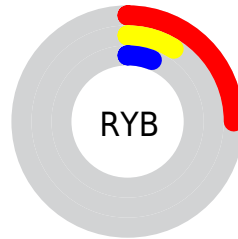
Distribution



Red (25%)

Green (9%)

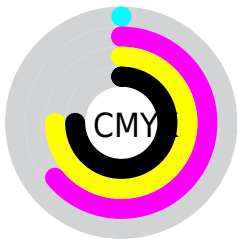
Blue (6%)



Red (25%)

Yellow (9%)

Blue (6%)

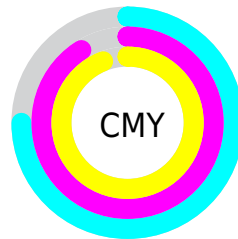


Cyan (0%)

Magenta (64%)

Yellow (75%)

Black (75%)



Cyan (75%)

Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401710 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 401710 by changing the saturation by 10% instead.

 401710

 401710

 FFFDF0

 290000

 73443A

 000000

 8E5B51

 A9746A

 C58E83

 E2A99D

 FFC4B8

 FFE0D3

 401710

 401710

■ 40120A

■ 401C16

■ 400C03

■ 40221D

■ 400900

■ 402723

■ 402D2A

■ 403230

■ 403836

■ 403D3D

■ 404343

■ 40484A

Harmonies

Analogous

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



421321



401710



381E00

Triad

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



401710



002B16



022445

Complementary

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



401710



103940

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.



002943



401710



002C27

Square

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



401710



182802



002B37



291E3F

Rectangle

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



401710



2F2200



002B37



002645

Sweetspot

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



401710



544441



40103A



2B211F



ABABAB



2B2B2B

Same Dimension

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



401710



541308



402E10



211E1E



610E00



E02100

Inverse Universe

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



103940



084954



102240



1E2121



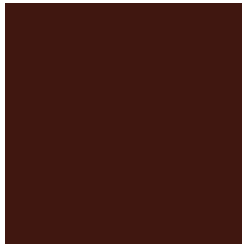
005361



00C0E0

Previews

White Background



This preview shows how the Hex color 401710 looks on a white background.

Color Contrast Check

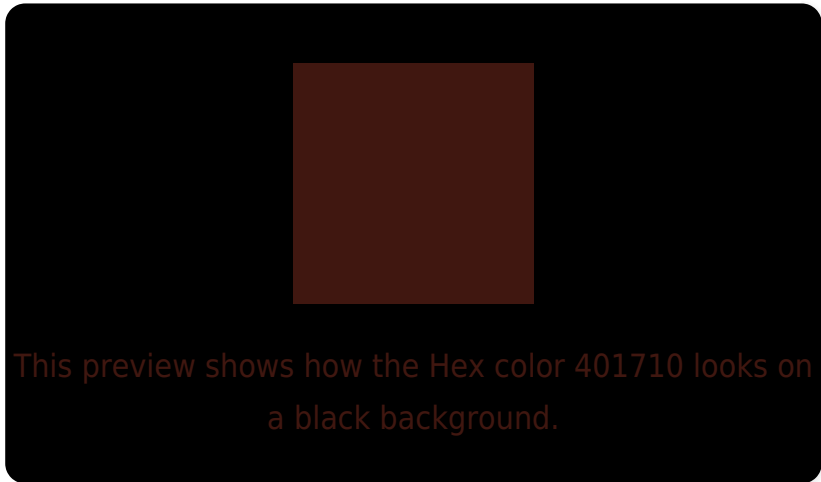
Large Text (above 18pt) WCAG AA ✓ Pass

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 401710 Background



This preview shows how black text looks on a background with the Hex color 401710.

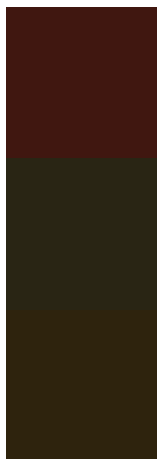


This preview shows how white text looks on a background with the Hex color 401710.

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
401710

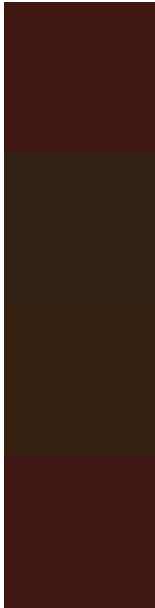
Protanopia
292514

Deuteranopia
2E230D



Tritanopia
401617

Trichromacy



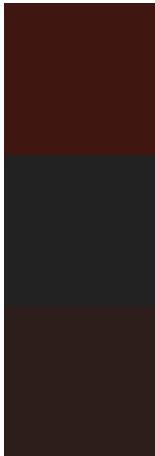
Original Color
401710

Protanomaly
312013

Deuteranomaly
351F0E

Tritanomaly
401614

Monochromacy



Original Color
401710

Achromatopsia
222222

Achromatomaly
2D1E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 401710 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 #401710 looks like.

```
.text, #text, p{  
    color:#401710  
}
```

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 #401710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401710
}
```

Border

The CSS property to change the border of an element to Hex 401710 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
#401710 }
```

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

```
.border{ border-color:#401710 }
```

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

Here you see how a box with a 4 pixel #401710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401710; -webkit-box-shadow:4px 4px  
4px 4px #401710; box-shadow:4px 4px 4px  
4px #401710 }
```

Background

The CSS property to change the background color of an element to Hex 401710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401710 }
```

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

```
.background{ background-color:#401710 }
```

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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