

Converting Colors

Hex(280A0A)

Have a look what the booklet for
Hex(280A0A) contains.

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Color

Hex(280A0A)

Conversions

Conversions Part 1

Format	Color
Hex	280A0A
RGB	40, 10, 10
RGB Percent	16%, 4%, 4%
CMY	0.8431, 0.9608, 0.9608
CMYK	0.00, 0.75, 0.75, 0.84
HSL	0°, 60%, 10%
HSV	0°, 75%, 16%
XYZ	1.0384, 0.6901, 0.3656
YIQ	18.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

Format	Color
RYB	40, 10, 10
Decimal	2624010
CIELab	6.23, 15.11, 5.52
CIELCh	6, 16.087, 20.060
Yxy	0.6901, 0.4959, 0.3295
Android (android.graphics.Color)	4280814090 (0xFF280A0A)
YUV	18.9700, -4.4222, 18.4433
Hunter-Lab	8.3073, 7.7744, 3.2055

Details

The Hex color **280A0A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A2828**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **563536**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280606**, and if you desaturate by 10%, it is **280E0E**.

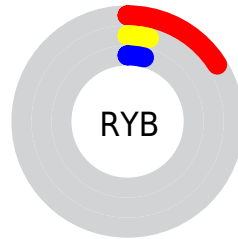
Distribution



Red (16%)

Green (4%)

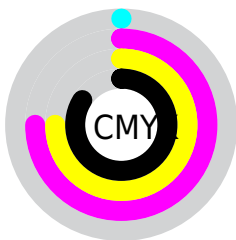
Blue (4%)



Red (16%)

Yellow (4%)

Blue (4%)

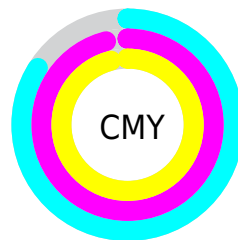


Cyan (0%)

Magenta (75%)

Yellow (75%)

Black (84%)



Cyan (84%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280A0A 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 280A0A by changing the saturation by 10% instead.

 280A0A

 280A0A

 FFEAEA

 000000

 563536

 6F4C4D

 896465

 A47D7E

 C09798

 DCB2B2

 F8CECE

 280A0A

 280A0A

■ 280606

■ 280E0E

■ 280202

■ 281212

■ 280000

■ 281616

■ 281A1A

■ 281E1E

■ 282222

■ 282626

■ 282A2A

■ 282E2E

Harmonies

Analogous

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



260A18



280A0A



250D00

Triad

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



280A0A



021900



001629

Complementary

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



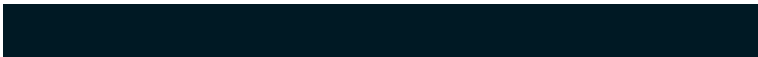
280A0A



0A2828

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.



001924



280A0A



001A0F

Square

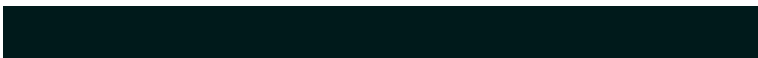
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



280A0A



131600



001A1B



0F1228

Rectangle

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



280A0A



211000



001A1B



001728

Sweetspot

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



280A0A



332727



280A28



1A1212



999999



1A1A1A

Same Dimension

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



280A0A



330505



28190A



141212



540000



D40000

Inverse Universe

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



0A2828



053333



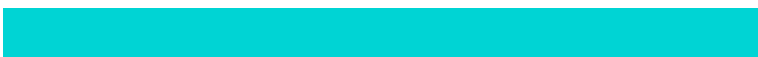
0A1928



121414



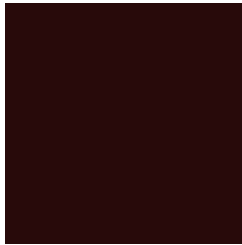
005454



00D4D4

Previews

White Background



This preview shows how the Hex color 280A0A 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

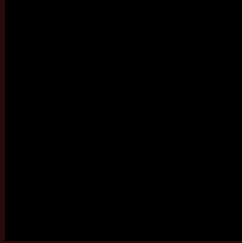
Any Text WCAG AA × Fail

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 280A0A Background



This preview shows how black text looks on a background with the Hex color 280A0A.



This preview shows how white text looks on a background with the Hex color 280A0A.

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](#).

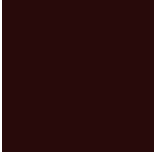
Dichromacy



Original Color
280A0A

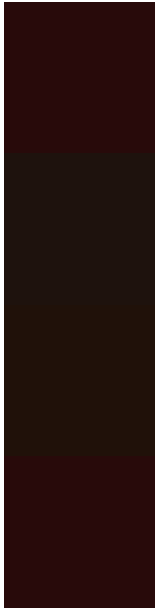
Protanopia
18160E

Deuteranopia
1B1508



Tritanopia
280A0A

Trichromacy



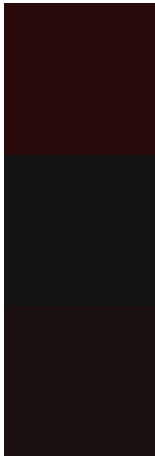
Original Color
280A0A

Protanomaly
1E120D

Deuteranomaly
201109

Tritanomaly
280A0A

Monochromacy



Original Color
280A0A

Achromatopsia
131313

Achromatomaly
1B1010

CSS Examples

Text

The CSS property to change the color of the text to Hex 280A0A 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 #280A0A looks like.

```
.text, #text, p{  
    color:#280A0A  
}
```

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 #280A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280A0A
}
```

Border

The CSS property to change the border of an element to Hex 280A0A 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".

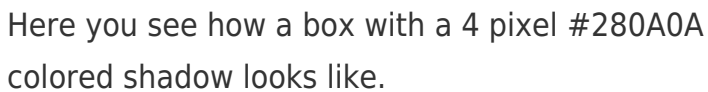
```
.border, #border, table{ border:4px solid
#280A0A }
```

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

```
.border{ border-color:#280A0A }
```

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

Here you see how a box with a 4 pixel #280A0A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280A0A; -webkit-box-shadow:4px 4px  
4px 4px #280A0A; box-shadow:4px 4px 4px  
4px #280A0A }
```

Background

The CSS property to change the background color of an element to Hex 280A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280A0A }
```

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

```
.background{ background-color:#280A0A }
```

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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