

Converting Colors

Hex(28080A)

Have a look what the booklet for
Hex(28080A) contains.

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Color

Hex(28080A)

Conversions

Conversions Part 1

Format	Color
Hex	28080A
RGB	40, 8, 10
RGB Percent	16%, 3%, 4%
CMY	0.8431, 0.9686, 0.9608
CMYK	0.00, 0.80, 0.75, 0.84
HSL	356°, 67%, 9%
HSV	356°, 80%, 16%
XYZ	1.0167, 0.6467, 0.3584
YIQ	17.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

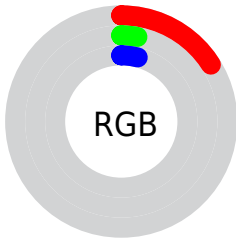
Format	Color
RYB	40, 8, 10
Decimal	2623498
CIELab	5.84, 16.02, 4.95
CIELCh	6, 16.769, 17.152
Yxy	0.6467, 0.5029, 0.3199
Android (android.graphics.Color)	4280813578 (0xFF28080A)
YUV	17.7960, -3.8434, 19.4729
Hunter-Lab	8.0417, 8.4941, 2.9868

Details

The Hex color **28080A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **082826**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **563436**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280406**, and if you desaturate by 10%, it is **280C0E**.

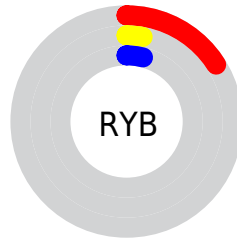
Distribution



Red (16%)

Green (3%)

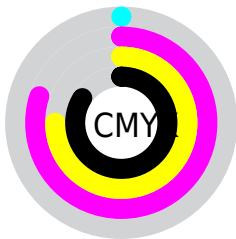
Blue (4%)



Red (16%)

Yellow (3%)

Blue (4%)

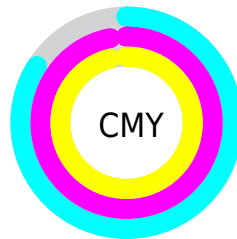


Cyan (0%)

Magenta (80%)

Yellow (75%)

Black (84%)



Cyan (84%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28080A 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 28080A by changing the saturation by 10% instead.

 28080A

 28080A

 FFE8EA

 000000

 563436

 6F4B4D

 896365

 A47C7E

 C09698

 DCB0B2

 F9CCCE

 28080A

 28080A

■ 280406

■ 280C0E

■ 280003

■ 281012

■ 281415

■ 281819

■ 281C1D

■ 282021

■ 282424

■ 282828

■ 282C2C

Harmonies

Analogous

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



250919



28080A



260B00

Triad

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



28080A



011800



001628

Complementary

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



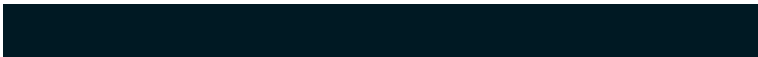
28080A



082826

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.



001923



28080A



001A0B

Square

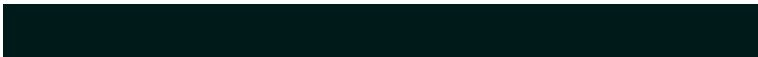
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28080A



121500



001A19



0B1228

Rectangle

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



28080A



210F00



001A19



001727

Sweetspot

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



28080A



332728



260828



1A1213



999999



1A1A1A

Same Dimension

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



28080A



330205



281608



141212



540005



D4000D

Inverse Universe

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



28080A



330205



081A28



141212



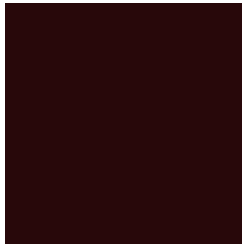
540005



D4000D

Previews

White Background



This preview shows how the Hex color 28080A looks on a white background.

Color Contrast Check

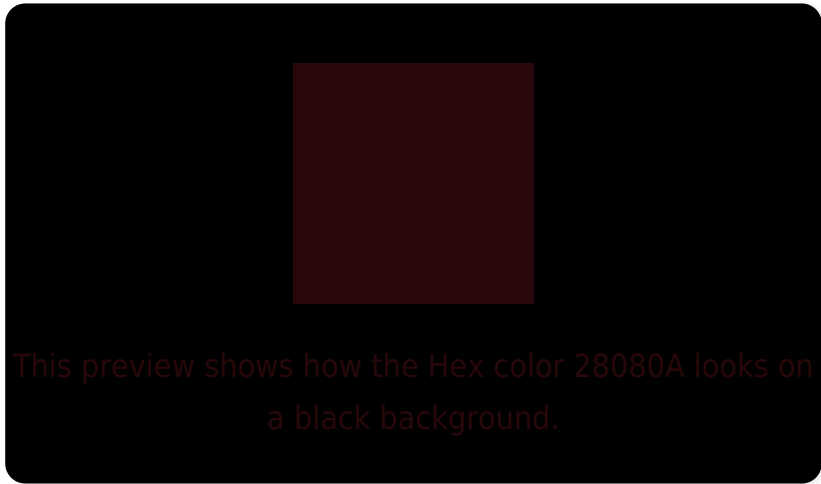
Large Text (above 18pt) WCAG AA ✓ Pass

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

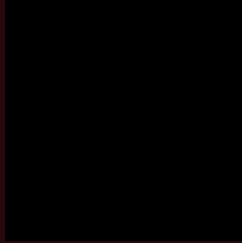
Any Text WCAG AA × Fail

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 28080A Background



This preview shows how black text looks on a background with the Hex color 28080A.



This preview shows how white text looks on a background with the Hex color 28080A.

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
28080A

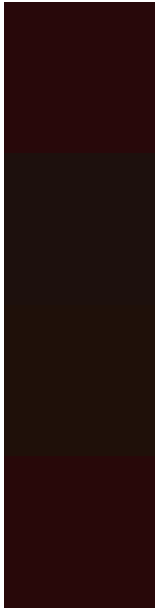
Protanopia
17150E

Deuteranopia
1A1408



Tritanopia
280808

Trichromacy



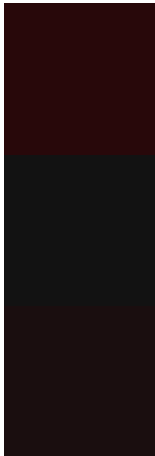
Original Color
28080A

Protanomaly
1D100D

Deuteranomaly
1F1009

Tritanomaly
280809

Monochromacy



Original Color
28080A

Achromatopsia
121212

Achromatomaly
1A0E0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28080A 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 #28080A looks like.

```
.text, #text, p{  
    color:#28080A  
}
```

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 #28080A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28080A
}
```

Border

The CSS property to change the border of an element to Hex 28080A is called "border". The border property can be set on classes, ids or directly on the HTML element.

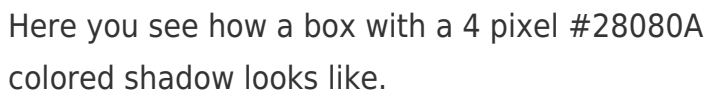
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28080A }
```

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

```
.border{ border-color:#28080A }
```

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



Here you see how a box with a 4 pixel #28080A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28080A; -webkit-box-shadow:4px 4px  
4px 4px #28080A; box-shadow:4px 4px 4px  
4px #28080A }
```

Background

The CSS property to change the background color of an element to Hex 28080A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28080A }
```

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

```
.background{ background-color:#28080A }
```

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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