

# Converting Colors

Hex(2A080A)

Have a look what the booklet for  
Hex(2A080A) contains.

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# Color

**Hex(2A080A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A080A
RGB	42, 8, 10
RGB Percent	16%, 3%, 4%
CMY	0.8353, 0.9686, 0.9608
CMYK	0.00, 0.81, 0.76, 0.84
HSL	356°, 68%, 10%
HSV	356°, 81%, 16%
XYZ	1.0965, 0.6878, 0.3621
YIQ	18.3940, 19.6220, 7.8300

# Conversions

## Conversions Part 2

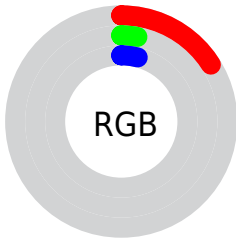
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">42, 8, 10</a>
Decimal	<a href="#">2754570</a>
CIELab	<a href="#">6.21, 17.23, 5.53</a>
CIELCh	<a href="#">6, 18.097, 17.801</a>
Yxy	<a href="#">0.6878, 0.5108, 0.3205</a>
Android (android.graphics.Color)	<a href="#">4280944650 (0xFF2A080A)</a>
YUV	<a href="#">18.3940, -4.1382, 20.7025</a>
Hunter-Lab	<a href="#">8.2935, 9.0855, 3.2166</a>

# Details

The Hex color **2A080A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **082A28**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **593436**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A0406**, and if you desaturate by 10%, it is **2A0C0E**.

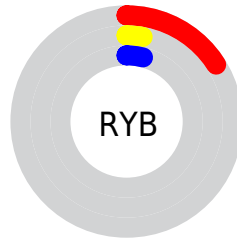
# Distribution



Red (16%)

Green (3%)

Blue (4%)



Red (16%)

Yellow (3%)

Blue (4%)

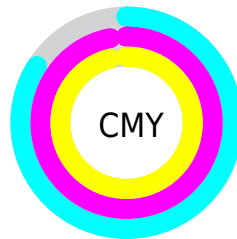


Cyan (0%)

Magenta (81%)

Yellow (76%)

Black (84%)



Cyan (84%)

Magenta (97%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A080A 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 2A080A by changing the saturation by 10% instead.



 2A080A

 2A080A

 FFE8EA

 020000

 593436

 000000

 724B4D

 8C6365

 A77C7E

 C39698

 DFB1B2

 FCCCCE

 2A080A

 2A080A

■ 2A0406

■ 2A0C0E

■ 2A0002

■ 2A1012

■ 2A1516

■ 2A191A

■ 2A1D1E

■ 2A2122

■ 2A2526

■ 2A2A2A

■ 2A2E2E

# Harmonies

## Analogous

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



270819



2A080A



270C00

# Triad

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



2A080A



001900



00172B

# Complementary

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



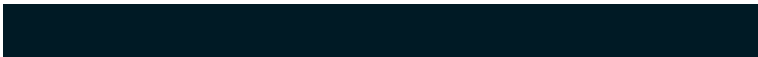
2A080A



082A28

# 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.



001A25



2A080A



001B0C

# Square

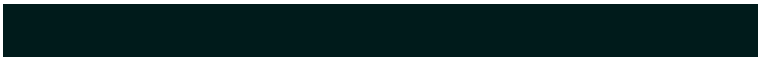
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A080A



121600



001B1B



0B122B

# Rectangle

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



2A080A



220F00



001B1B



00182A



# Sweetspot

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



2A080A



362929



28082A



1C1414



9C9C9C



1C1C1C



# Same Dimension

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



2A080A



360205



2A1708



141212



540005



D4000C



# Inverse Universe

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



2A080A



360205



081B2A



141212



540005

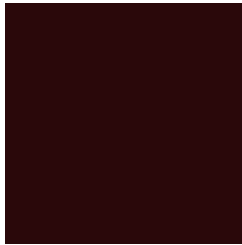


D4000C



# Previews

## White Background



This preview shows how the Hex color 2A080A looks on a white background.

## Color Contrast Check

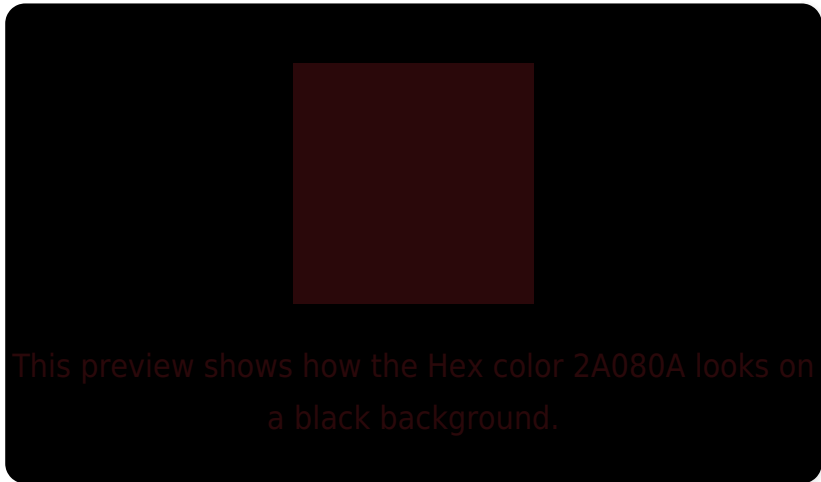
Large Text (above 18pt) WCAG AA ✓ Pass

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

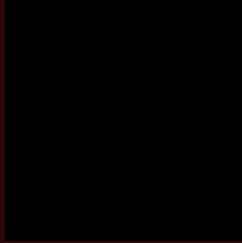
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A080A Background



This preview shows how black text looks on a background with the Hex color 2A080A.

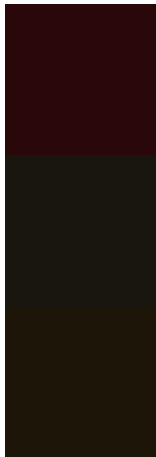


This preview shows how white text looks on a background with the Hex color 2A080A.

# 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](#).

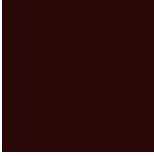
## Dichromacy



**Original Color**  
2A080A

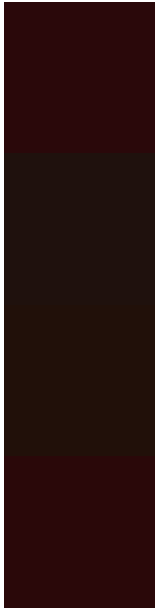
**Protanopia**  
18160E

**Deuteranopia**  
1C1508



**Tritanopia**  
2A0808

# Trichromacy



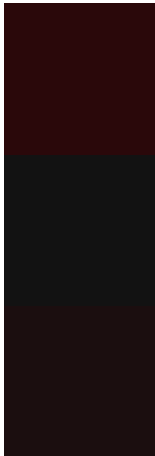
**Original Color**  
2A080A

**Protanomaly**  
1F110D

**Deuteranomaly**  
211009

**Tritanomaly**  
2A0809

# Monochromacy



**Original Color**  
2A080A

**Achromatopsia**  
121212

**Achromatomaly**  
1B0E0F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A080A 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 #2A080A looks like.

```
.text, #text, p{  
    color:#2A080A  
}
```

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 #2A080A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A080A
}
```

## Border

The CSS property to change the border of an element to Hex 2A080A is called "border". The border property can be set on classes, ids or directly on the HTML element.

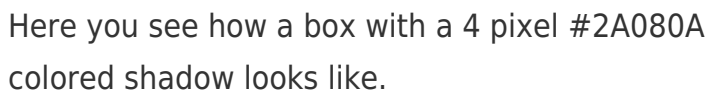
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A080A }
```

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

```
.border{ border-color:#2A080A }
```

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



Here you see how a box with a 4 pixel #2A080A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A080A; -webkit-box-shadow:4px 4px  
4px 4px #2A080A; box-shadow:4px 4px 4px  
4px #2A080A }
```

# Background

The CSS property to change the background color of an element to Hex 2A080A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A080A }
```

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

```
.background{ background-color:#2A080A }
```

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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