

Converting Colors

Hex(2A0910)

Have a look what the booklet for
Hex(2A0910) contains.

Hex(2A0910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A0910)

Conversions

Conversions Part 1

Format	Color
Hex	2A0910
RGB	42, 9, 16
RGB Percent	16%, 4%, 6%
CMY	0.8353, 0.9647, 0.9373
CMYK	0.00, 0.79, 0.62, 0.84
HSL	347°, 65%, 10%
HSV	347°, 79%, 16%
XYZ	1.1461, 0.7250, 0.5698
YIQ	19.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

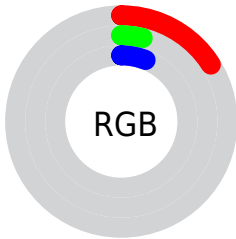
Format	Color
RYB	42, 9, 16
Decimal	2754832
CIELab	6.55, 17.46, 3.14
CIELCh	7, 17.741, 10.202
Yxy	0.7250, 0.4695, 0.2970
Android (android.graphics.Color)	4280944912 (0xFF2A0910)
YUV	19.6650, -1.8068, 19.5878
Hunter-Lab	8.5148, 9.1243, 1.9931

Details

The Hex color **2A0910** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **092A23**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **59343B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A050D**, and if you desaturate by 10%, it is **2A0D13**.

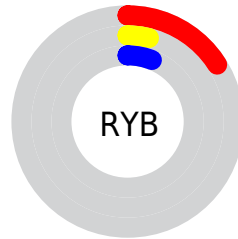
Distribution



Red (16%)

Green (4%)

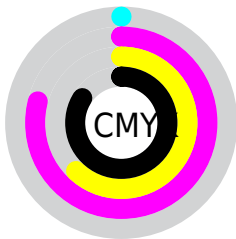
Blue (6%)



Red (16%)

Yellow (4%)

Blue (6%)

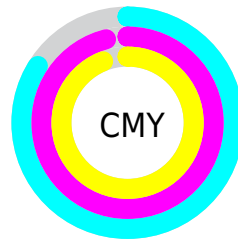


Cyan (0%)

Magenta (79%)

Yellow (62%)

Black (84%)



Cyan (84%)

Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0910 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 2A0910 by changing the saturation by 10% instead.

 2A0910

 2A0910

 FFE9F0

 070000

 59343B

 000000

 724B52

 8C646A

 A77D83

 C3979D

 DFB2B8

 FCCDD3

 2A0910

 2A0910

■ 2A050D

■ 2A0D13

■ 2A0109

■ 2A1117

■ 2A0009

■ 2A161A

■ 2A1A1D

■ 2A1E21

■ 2A2224

■ 2A2627

■ 2A2B2A

■ 2A2F2E

Harmonies

Analogous

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



260B1D



2A0910



290C00

Triad

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



2A0910



071900



00182A

Complementary

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



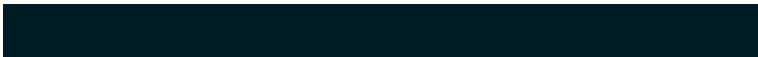
2A0910



092A23

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.



001B23



2A0910



001B09

Square

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



2A0910



171500



001C18



05142C

Rectangle

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



2A0910



250F00



001C18



001929

Sweetspot

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



2A0910



36292B



23092A



1C1416



9C9C9C



1C1C1C

Same Dimension

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



2A0910



36030E



2A1209



141213



540012



D4002D

Inverse Universe

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



2A0910



36030E



09212A



141213



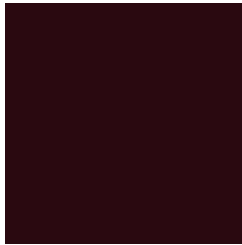
540012



D4002D

Previews

White Background



This preview shows how the Hex color 2A0910 looks on a white background.

Color Contrast Check

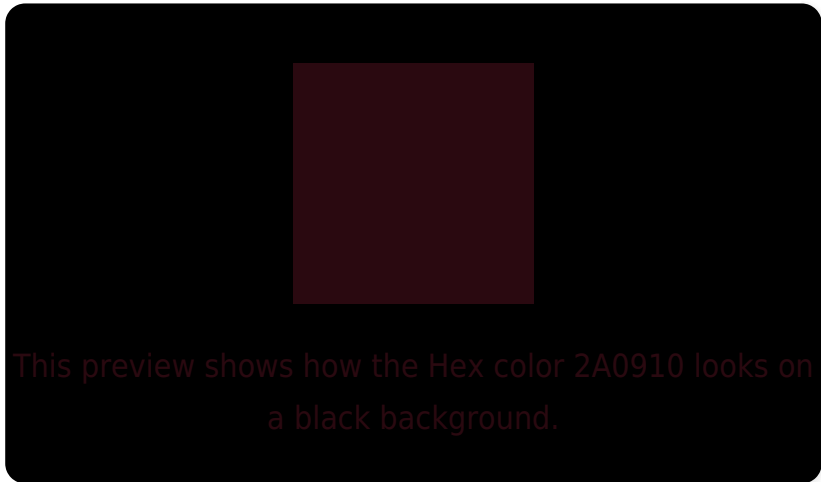
Large Text (above 18pt) WCAG AA ✓ Pass

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

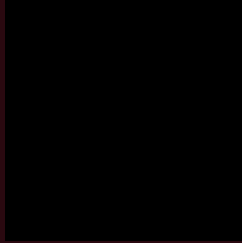
Any Text WCAG AA × Fail

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 2A0910 Background



This preview shows how black text looks on a background with the Hex color 2A0910.

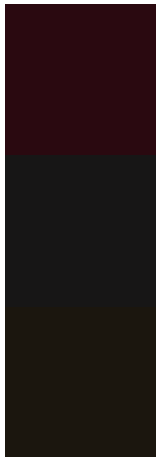


This preview shows how white text looks on a background with the Hex color 2A0910.

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](#).

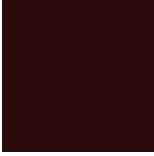
Dichromacy



Original Color
2A0910

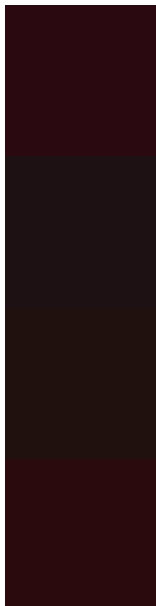
Protanopia
171616

Deuteranopia
1B160E



Tritanopia
2A0A0B

Trichromacy



Original Color

2A0910

Protanomaly

1E1114

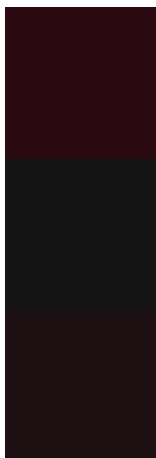
Deuteranomaly

20110F

Tritanomaly

2A0A0D

Monochromacy



Original Color

2A0910

Achromatopsia

141414

Achromatomaly

1C1013

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0910 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 #2A0910 looks like.

```
.text, #text, p{  
    color:#2A0910  
}
```

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 #2A0910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0910
}
```

Border

The CSS property to change the border of an element to Hex 2A0910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

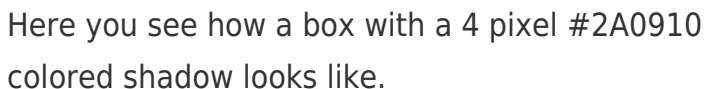
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0910 }
```

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

```
.border{ border-color:#2A0910 }
```

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



Here you see how a box with a 4 pixel #2A0910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0910; -webkit-box-shadow:4px 4px  
4px 4px #2A0910; box-shadow:4px 4px 4px  
4px #2A0910 }
```

Background

The CSS property to change the background color of an element to Hex 2A0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0910 }
```

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

```
.background{ background-color:#2A0910 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor