

Converting Colors

Hex(2A0912)

Have a look what the booklet for
Hex(2A0912) contains.

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Color

Hex(2A0912)

Conversions

Conversions Part 1

Format	Color
Hex	2A0912
RGB	42, 9, 18
RGB Percent	16%, 4%, 7%
CMY	0.8353, 0.9647, 0.9294
CMYK	0.00, 0.79, 0.57, 0.84
HSL	344°, 65%, 10%
HSV	344°, 79%, 16%
XYZ	1.1617, 0.7313, 0.6522
YIQ	19.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

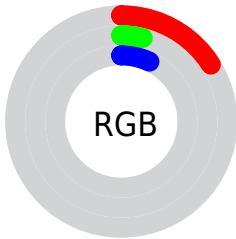
Format	Color
RYB	42, 9, 18
Decimal	2754834
CIELab	6.61, 17.74, 2.06
CIElCh	7, 17.856, 6.627
Yxy	0.7313, 0.4564, 0.2873
Android (android.graphics.Color)	4280944914 (0xFF2A0912)
YUV	19.8930, -0.9332, 19.3878
Hunter-Lab	8.5515, 9.2838, 1.4643

Details

The Hex color **2A0912** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **092A21**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **59343C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A050F**, and if you desaturate by 10%, it is **2A0D15**.

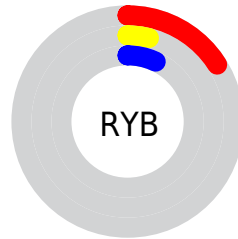
Distribution



Red (16%)

Green (4%)

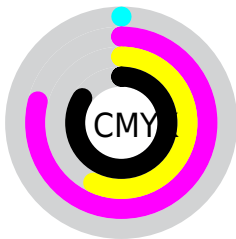
Blue (7%)



Red (16%)

Yellow (4%)

Blue (7%)

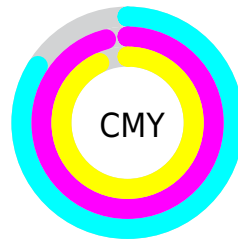


Cyan (0%)

Magenta (79%)

Yellow (57%)

Black (84%)



Cyan (84%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0912 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 2A0912 by changing the saturation by 10% instead.

 2A0912

 2A0912

 FFE9F2

 080000

 59343C

 000000

 724B53

 8C646C

 A77D85

 C3979F

 DFB2BA

 FCCDD6

 2A0912

 2A0912

■ 2A050F

■ 2A0D15

■ 2A010C

■ 2A1118

■ 2A000B

■ 2A161B

■ 2A1A1E

■ 2A1E21

■ 2A2224

■ 2A2627

■ 2A2B2A

■ 2A2F2D

Harmonies

Analogous

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



250B1E



2A0912



2A0B00

Triad

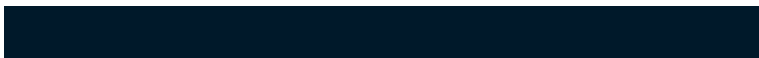
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A0912



091900



00192A

Complementary

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



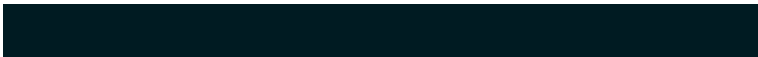
2A0912



092A21

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.



001B22



2A0912



001B06

Square

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



2A0912



191500



001C17



02152C

Rectangle

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



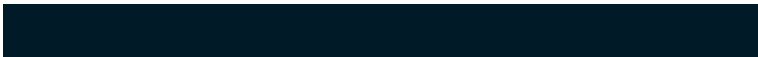
2A0912



260F00



001C17



001A28

Sweetspot

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



2A0912



36292C



21092A



1C1416



9C9C9C



1C1C1C

Same Dimension

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



2A0912



360311



2A1009



141213



540017



D4003A

Inverse Universe

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



2A0912



360311



09232A



141213



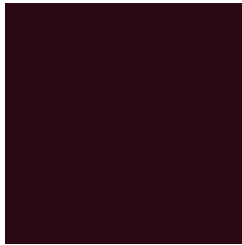
540017



D4003A

Previews

White Background



This preview shows how the Hex color 2A0912 looks on a white background.

Color Contrast Check

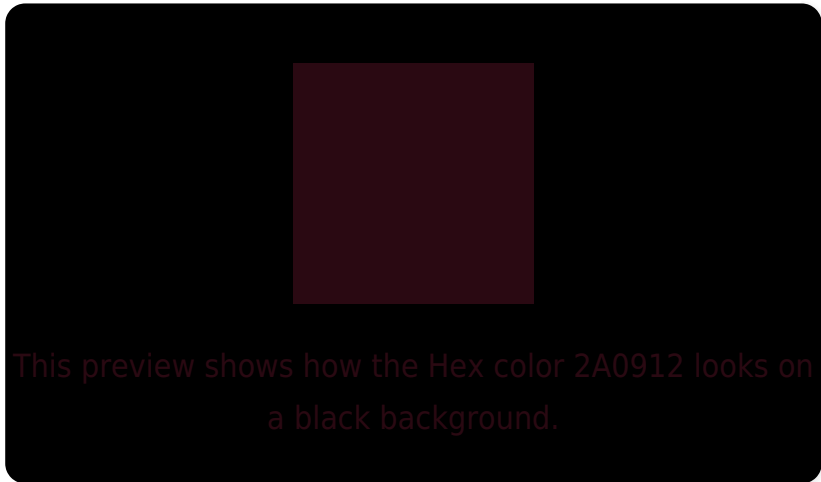
Large Text (above 18pt) WCAG AA ✓ Pass

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

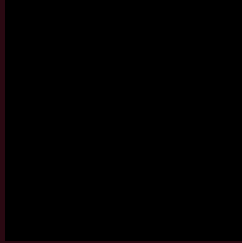
Any Text WCAG AA × Fail

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 2A0912 Background



This preview shows how black text looks on a background with the Hex color 2A0912.



This preview shows how white text looks on a background with the Hex color 2A0912.

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](#).

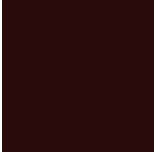
Dichromacy



Original Color
2A0912

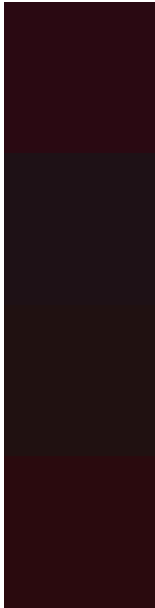
Protanopia
171618

Deuteranopia
1B1610



Tritanopia
2A0B0B

Trichromacy



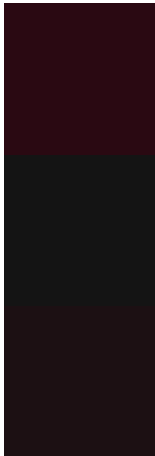
Original Color
2A0912

Protanomaly
1E1116

Deuteranomaly
201111

Tritanomaly
2A0A0E

Monochromacy



Original Color
2A0912

Achromatopsia
141414

Achromatomaly
1C1013

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0912 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 #2A0912 looks like.

```
.text, #text, p{  
    color:#2A0912  
}
```

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 #2A0912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0912
}
```

Border

The CSS property to change the border of an element to Hex 2A0912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

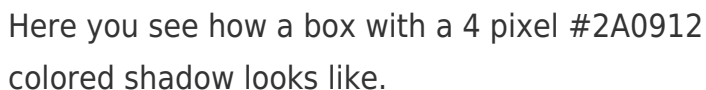
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0912 }
```

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

```
.border{ border-color:#2A0912 }
```

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



Here you see how a box with a 4 pixel #2A0912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0912; -webkit-box-shadow:4px 4px  
4px 4px #2A0912; box-shadow:4px 4px 4px  
4px #2A0912 }
```

Background

The CSS property to change the background color of an element to Hex 2A0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0912 }
```

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

```
.background{ background-color:#2A0912 }
```

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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