

Converting Colors

Hex(24011A)

Have a look what the booklet for
Hex(24011A) contains.

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Color

Hex(24011A)

Conversions

Conversions Part 1

Format	Color
Hex	24011A
RGB	36, 1, 26
RGB Percent	14%, 0%, 10%
CMY	0.8588, 0.9961, 0.8980
CMYK	0.00, 0.97, 0.28, 0.86
HSL	317°, 95%, 7%
HSV	317°, 97%, 14%
XYZ	0.9249, 0.4714, 1.0195
YIQ	14.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

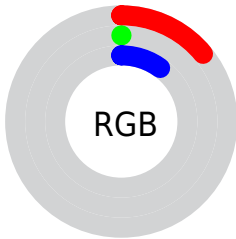
Format	Color
R_{YB}	36, 1, 26
Decimal	2359578
CIE _{Lab}	4.26, 19.43, -7.23
CIE _{LCh}	4, 20.728, 339.595
Yxy	0.4714, 0.3828, 0.1951
Android (android.graphics.Color)	4280549658 (0xFF24011A)
YUV	14.3150, 5.7607, 19.0177
Hunter-Lab	6.8655, 12.0311, -3.9985

Details

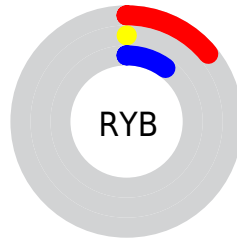
The Hex color **24011A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **01240B**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **512F45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **24001A**, and if you desaturate by 10%, it is **24051B**.

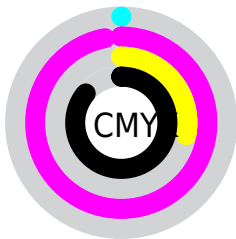
Distribution



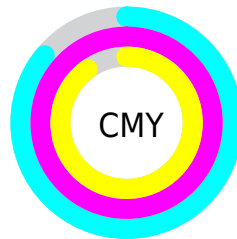
- Red (14%)
- Green (0%)
- Blue (10%)



- Red (14%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (97%)
- Yellow (28%)
- Black (86%)



- Cyan (86%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24011A 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 24011A by changing the saturation by 10% instead.

 24011A

 24011A

 FFE2FD

 000000

 512F45

 6A455C

 835D75

 9E768F

 B990A9

 D5ABC4

 F1C6E0

 24011A

 24011A

■ 24001A

■ 24051B

■ 24081C

■ 240C1D

■ 240F1E

■ 24131F

■ 241720

■ 241A21

■ 241E22

■ 242123

Harmonies

Analogous

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



170725



24011A



290008

Triad

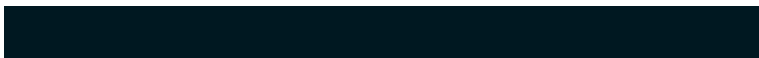
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24011A



0E1000



001821

Complementary

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



24011A



01240B

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.



001814



24011A



001500

Square

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



24011A



1E0900



001700



001429

Rectangle

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



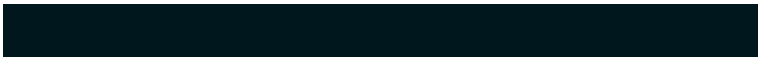
24011A



280100



001700



00181D

Sweetspot

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



24011A



2E212A



0B0124



170F15



969696



171717

Same Dimension

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



24011A



2E0021



240109



121011



52003A



D10095

Inverse Universe

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



24011A



2E0021



01241C



121011



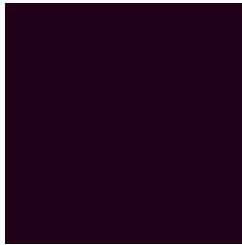
52003A



D10095

Previews

White Background



This preview shows how the Hex color 24011A looks on a white background.

Color Contrast Check

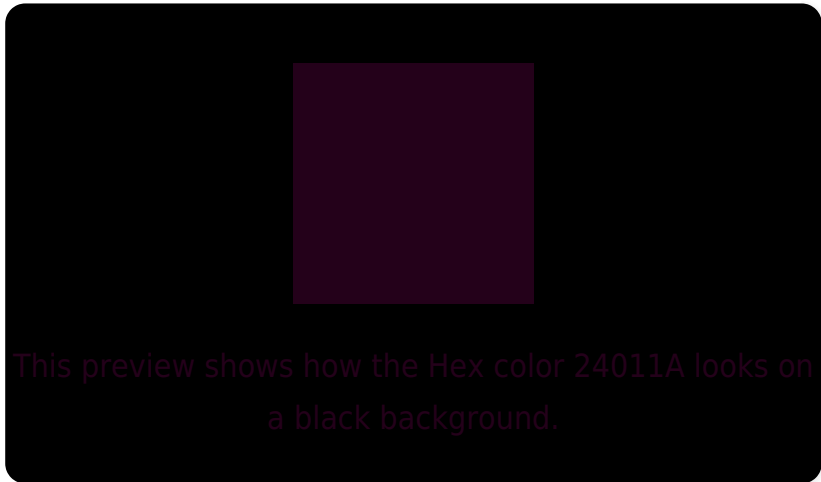
Large Text (above 18pt) WCAG AA ✓ Pass

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

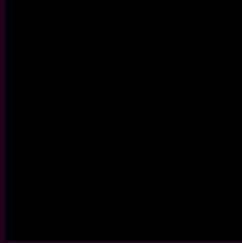
Any Text WCAG AA × Fail

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 24011A Background



This preview shows how black text looks on a background with the Hex color 24011A.



This preview shows how white text looks on a background with the Hex color 24011A.

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](#).

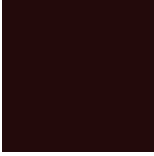
Dichromacy



Original Color
24011A

Protanopia
091325

Deuteranopia
131318



Tritanopia
230A0B

Trichromacy



Original Color
24011A

Protanomaly
130C21

Deuteranomaly
190C19

Tritanomaly
230710

Monochromacy



Original Color
24011A

Achromatopsia
0E0E0E

Achromatomaly
160912

CSS Examples

Text

The CSS property to change the color of the text to Hex 24011A 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 #24011A looks like.

```
.text, #text, p{  
    color:#24011A  
}
```

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 #24011A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24011A
}
```

Border

The CSS property to change the border of an element to Hex 24011A is called "border". The border property can be set on classes, ids or directly on the HTML element.

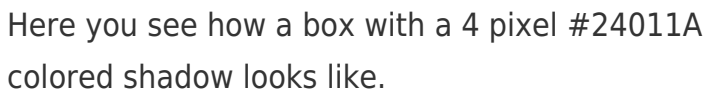
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24011A }
```

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

```
.border{ border-color:#24011A }
```

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



Here you see how a box with a 4 pixel #24011A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24011A; -webkit-box-shadow:4px 4px  
4px 4px #24011A; box-shadow:4px 4px 4px  
4px #24011A }
```

Background

The CSS property to change the background color of an element to Hex 24011A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24011A }
```

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

```
.background{ background-color:#24011A }
```

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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