

Converting Colors

Hex(27001A)

Have a look what the booklet for
Hex(27001A) contains.

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Color

Hex(27001A)

Conversions

Conversions Part 1

Format	Color
Hex	27001A
RGB	39, 0, 26
RGB Percent	15%, 0%, 10%
CMY	0.8471, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.33, 0.85
HSL	320°, 100%, 8%
HSV	320°, 100%, 15%
XYZ	1.0232, 0.5059, 1.0210
YIQ	14.6250, 14.8980, 16.3540

Conversions

Conversions Part 2

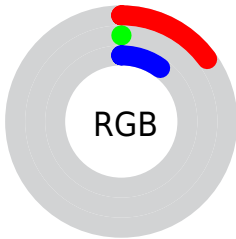
Format	Color
R_{YB}	39, 0, 26
Decimal	2555930
CIE _{Lab}	4.57, 21.74, -6.71
CIE _{LCh}	5, 22.749, 342.846
Yxy	0.5059, 0.4012, 0.1984
Android (android.graphics.Color)	4280746010 (0xFF27001A)
YUV	14.6250, 5.6079, 21.3769
Hunter-Lab	7.1128, 13.2294, -3.5319

Details

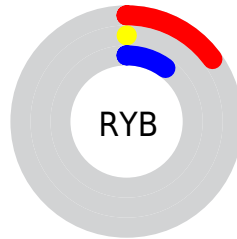
The Hex color **27001A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **00270D**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **552E45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **27001A**, and if you desaturate by 10%, it is **27041B**.

Distribution



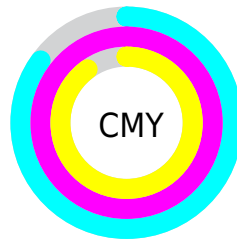
- Red (15%)
- Green (0%)
- Blue (10%)



- Red (15%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (85%)



- Cyan (85%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27001A 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 27001A by changing the saturation by 10% instead.

 27001A

 27001A

 FFE1FD

 000000

 552E45

 6E445C

 885C75

 A2758F

 BE8FA9

 DAAAC4

 F7C5E0

 27001A

■ 27041B

■ 27081D

■ 270C1E

■ 27101F

■ 271421

■ 271722

■ 271B23

■ 271F24

■ 272326

Harmonies

Analogous

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



1A0627



27001A



2C0005

Triad

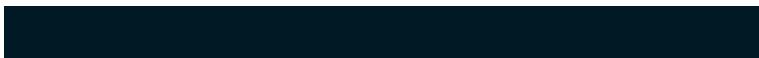
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27001A



0C1200



001924

Complementary

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



27001A



00270D

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.



001917



27001A



001700

Square

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



27001A



1E0B00



001900



00152D

Rectangle

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



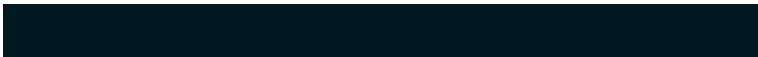
27001A



2A0100



001900



001920

Sweetspot

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



27001A



33242E



0D0027



1A1016



999999



1A1A1A

Same Dimension

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



27001A



330022



270007



141214



540038



D4008D

Inverse Universe

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



27001A



330022



002720



141214



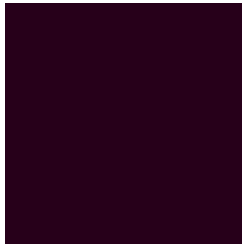
540038



D4008D

Previews

White Background



This preview shows how the Hex color 27001A looks on a white background.

Color Contrast Check

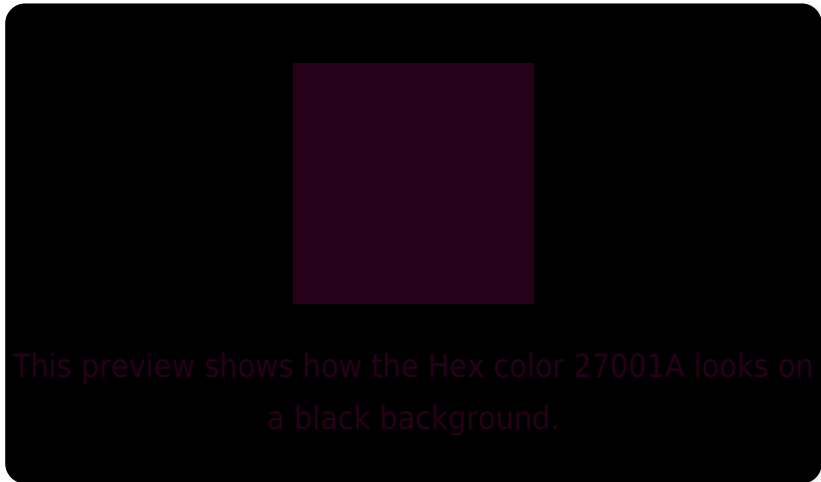
Large Text (above 18pt) WCAG AA ✓ Pass

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

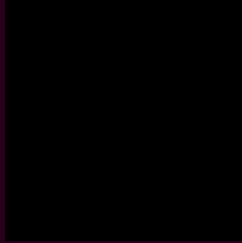
Any Text WCAG AA × Fail

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 27001A Background



This preview shows how black text looks on a background with the Hex color 27001A.



This preview shows how white text looks on a background with the Hex color 27001A.

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](#).

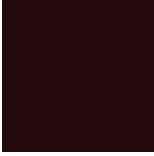
Dichromacy



Original Color
27001A

Protanopia
0D1425

Deuteranopia
151418



Tritanopia
260A0B

Trichromacy



Original Color
27001A

Protanomaly
160D21

Deuteranomaly
1C0D19

Tritanomaly
260610

Monochromacy



Original Color
27001A

Achromatopsia
0F0F0F

Achromatomaly
180A13

CSS Examples

Text

The CSS property to change the color of the text to Hex 27001A 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 #27001A looks like.

```
.text, #text, p{  
    color:#27001A  
}
```

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 #27001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27001A
}
```

Border

The CSS property to change the border of an element to Hex 27001A 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
#27001A }
```

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

```
.border{ border-color:#27001A }
```

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

Here you see how a box with a 4 pixel #27001A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27001A; -webkit-box-shadow:4px 4px  
4px 4px #27001A; box-shadow:4px 4px 4px  
4px #27001A }
```

Background

The CSS property to change the background color of an element to Hex 27001A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27001A }
```

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

```
.background{ background-color:#27001A }
```

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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