

# Converting Colors

Hex(2A041E)

Have a look what the booklet for  
Hex(2A041E) contains.

<b>Hex(2A041E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(2A041E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A041E
RGB	42, 4, 30
RGB Percent	16%, 2%, 12%
CMY	0.8353, 0.9843, 0.8824
CMYK	0.00, 0.90, 0.29, 0.84
HSL	319°, 83%, 9%
HSV	319°, 90%, 16%
XYZ	1.2326, 0.6728, 1.2932
YIQ	18.3260, 14.3020, 16.1420

# Conversions

## Conversions Part 2

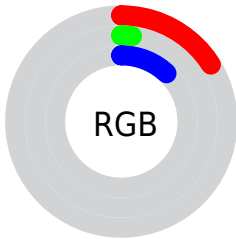
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">42, 4, 30</a>
Decimal	<a href="#">2753566</a>
CIELab	<a href="#">6.08, 22.31, -7.57</a>
CIELCh	<a href="#">6, 23.558, 341.264</a>
Yxy	<a href="#">0.6728, 0.3854, 0.2103</a>
Android (android.graphics.Color)	<a href="#">4280943646 (0xFF2A041E)</a>
YUV	<a href="#">18.3260, 5.7553, 20.7621</a>
Hunter-Lab	<a href="#">8.2025, 12.4691, -3.6058</a>

# Details

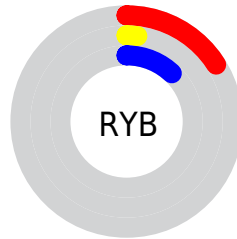
The Hex color **2A041E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **042A10**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **59314A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A001D**, and if you desaturate by 10%, it is **2A081F**.

# Distribution



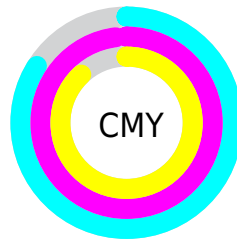
- Red (16%)
- Green (2%)
- Blue (12%)



- Red (16%)
- Yellow (2%)
- Blue (12%)



- Cyan (0%)
- Magenta (90%)
- Yellow (29%)
- Black (84%)



- Cyan (84%)
- Magenta (98%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A041E 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 2A041E by changing the saturation by 10% instead.



 2A041E

 2A041E

 FFE5FF

 0D0002

 59314A

 000000

 724861

 8C607A

 A77994

 C293AF

 DEAECA

 FBC9E6

 2A041E

 2A041E

■ 2A001D

■ 2A081F

■ 2A0C21

■ 2A1122

■ 2A1523

■ 2A1925

■ 2A1D26

■ 2A2127

■ 2A2629

■ 2A2A2A

# Harmonies

## Analogous

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



1C0C2B



2A041E



2F020C

# Triad

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



2A041E



131500



001C28

# Complementary

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



2A041E



042A10

# 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.



001D19



2A041E



001A00

# Square

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



2A041E



220F00



001C03



001931

# Rectangle

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



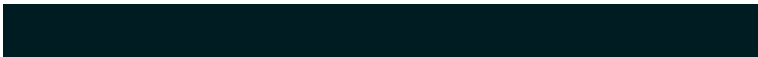
2A041E



2E0400



001C03



001C23



# Sweetspot

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



2A041E



362731



0F042A



1C1319



9C9C9C



1C1C1C



# Same Dimension

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



2A041E



360025



2A040C



141214



54003A



D40091



# Inverse Universe

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



2A041E



360025



042A22



141214



54003A

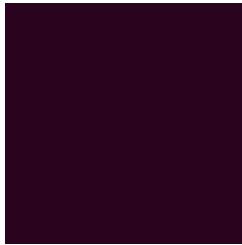


D40091



# Previews

## White Background



This preview shows how the Hex color 2A041E looks on a white background.

## Color Contrast Check

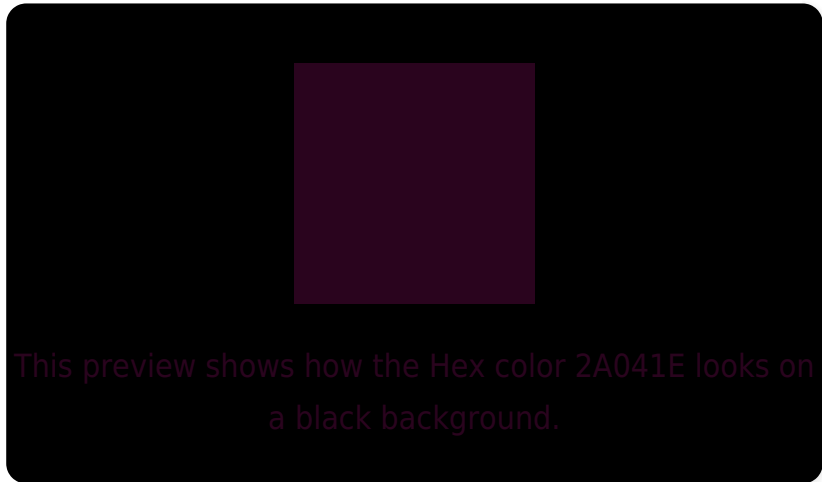
Large Text (above 18pt) WCAG AA ✓ Pass

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

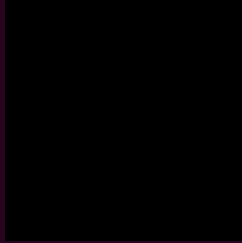
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2A041E Background



This preview shows how black text looks on a background with the Hex color 2A041E.



This preview shows how white text looks on a background with the Hex color 2A041E.

# 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**  
2A041E

**Protanopia**  
0C162A

**Deuteranopia**  
16161C



**Tritanopia**  
290C0D

# Trichromacy



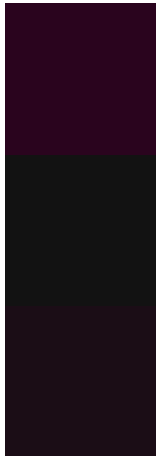
**Original Color**  
2A041E

**Protanomaly**  
170F26

**Deuteranomaly**  
1D0F1D

**Tritanomaly**  
290913

# Monochromacy



**Original Color**  
2A041E

**Achromatopsia**  
121212

**Achromatomaly**  
1B0D16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A041E 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 #2A041E looks like.

```
.text, #text, p{  
    color:#2A041E  
}
```

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 #2A041E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A041E
}
```

## Border

The CSS property to change the border of an element to Hex 2A041E is called "border". The border property can be set on classes, ids or directly on the HTML element.

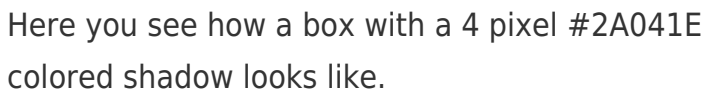
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A041E }
```

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

```
.border{ border-color:#2A041E }
```

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



Here you see how a box with a 4 pixel #2A041E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A041E; -webkit-box-shadow:4px 4px  
4px 4px #2A041E; box-shadow:4px 4px 4px  
4px #2A041E }
```

# Background

The CSS property to change the background color of an element to Hex 2A041E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A041E }
```

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

```
.background{ background-color:#2A041E }
```

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