

# Converting Colors

Hex(2D061A)

Have a look what the booklet for  
Hex(2D061A) contains.

<b>Hex(2D061A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(2D061A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D061A
RGB	45, 6, 26
RGB Percent	18%, 2%, 10%
CMY	0.8235, 0.9765, 0.8980
CMYK	0.00, 0.87, 0.42, 0.82
HSL	329°, 76%, 10%
HSV	329°, 87%, 18%
XYZ	1.3338, 0.7627, 1.0542
YIQ	19.9410, 16.8240, 14.4880

# Conversions

## Conversions Part 2

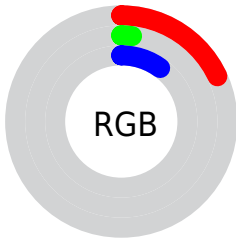
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">45, 6, 26</a>
Decimal	<a href="#">2950682</a>
CIELab	<a href="#">6.89, 21.94, -3.16</a>
CIELCh	<a href="#">7, 22.166, 351.798</a>
Yxy	<a href="#">0.7627, 0.4233, 0.2421</a>
Android (android.graphics.Color)	<a href="#">4281140762 (0xFF2D061A)</a>
YUV	<a href="#">19.9410, 2.9871, 21.9767</a>
Hunter-Lab	<a href="#">8.7334, 11.9772, -1.0435</a>

# Details

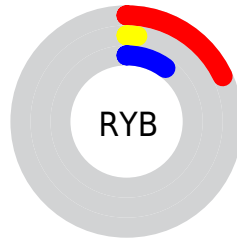
The Hex color **2D061A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **062D19**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5D3245**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0118**, and if you desaturate by 10%, it is **2D0A1C**.

# Distribution



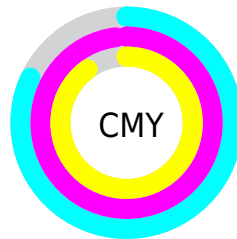
- Red (18%)
- Green (2%)
- Blue (10%)



- Red (18%)
- Yellow (2%)
- Blue (10%)



- Cyan (0%)
- Magenta (87%)
- Yellow (42%)
- Black (82%)



- Cyan (82%)
- Magenta (98%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D061A 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 2D061A by changing the saturation by 10% instead.



 2D061A

 2D061A

 FFE8FD

 130000

 5D3245

 000000

 764A5C

 906275

 AB7B8F

 C795A9

 E3B0C4

 FFCBE0

 2D061A

 2D061A

■ 2D0118

■ 2D0A1C

■ 2D0017

■ 2D0F1E

■ 2D1321

■ 2D1823

■ 2D1D25

■ 2D2127

■ 2D2629

■ 2D2A2C

■ 2D2F2E

# Harmonies

## Analogous

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



230C27



2D061A



2F0606

# Triad

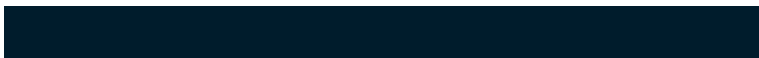
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D061A



101800



001C2C

# Complementary

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



2D061A



062D19

# 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.



001E20



2D061A



001C00

# Square

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



2D061A



201300



001E10



001832

# Rectangle

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



2D061A



2D0A00



001E10



001D28



# Sweetspot

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



2D061A



3B2B33



19062D



1F151A



9E9E9E



1F1F1F



# Same Dimension

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



2D061A



3B001E



2D0607



171516



57002C



D6006E



# Inverse Universe

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



2D061A



3B001E



062D2C



171516



57002C

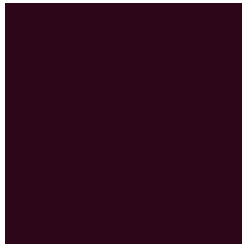


D6006E



# Previews

## White Background



This preview shows how the Hex color 2D061A looks on a white background.

## Color Contrast Check

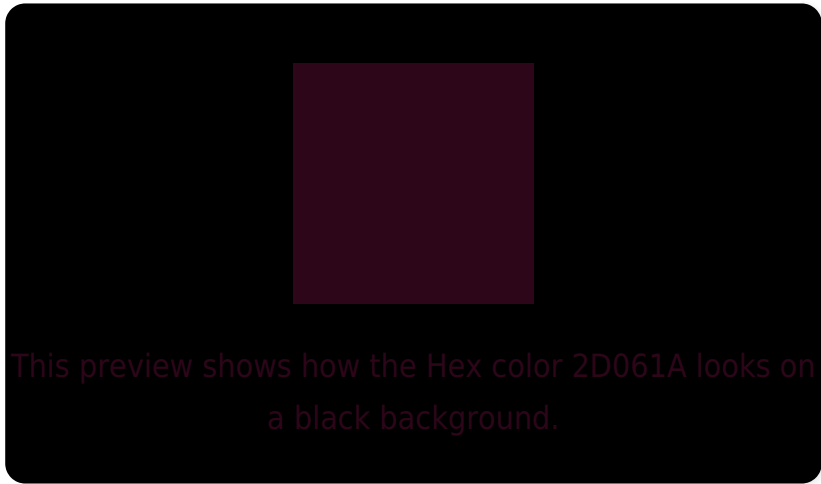
Large Text (above 18pt) WCAG AA ✓ Pass

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

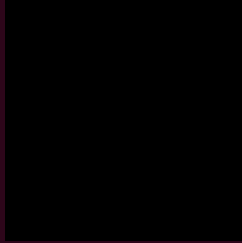
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D061A Background



This preview shows how black text looks on a background with the Hex color 2D061A.



This preview shows how white text looks on a background with the Hex color 2D061A.

# 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](#).

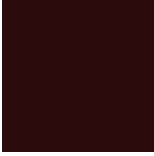
## Dichromacy



**Original Color**  
2D061A

**Protanopia**  
141824

**Deuteranopia**  
1A1718



# Trichromacy



**Original Color**  
2D061A

**Protanomaly**  
1D1120

**Deuteranomaly**  
211119

**Tritanomaly**  
2C0911

# Monochromacy



**Original Color**  
2D061A

**Achromatopsia**  
141414

**Achromatomaly**  
1D0F16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D061A 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 #2D061A looks like.

```
.text, #text, p{  
    color:#2D061A  
}
```

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 #2D061A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D061A
}
```

## Border

The CSS property to change the border of an element to Hex 2D061A 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
#2D061A }
```

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

```
.border{ border-color:#2D061A }
```

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

Here you see how a box with a 4 pixel #2D061A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D061A; -webkit-box-shadow:4px 4px  
4px 4px #2D061A; box-shadow:4px 4px 4px  
4px #2D061A }
```

# Background

The CSS property to change the background color of an element to Hex 2D061A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D061A }
```

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

```
.background{ background-color:#2D061A }
```

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