

# Converting Colors

Hex(A10026)

Have a look what the booklet for  
Hex(A10026) contains.

<b>Hex(A10026)</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(A10026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A10026
RGB	161, 0, 38
RGB Percent	63%, 0%, 15%
CMY	0.3686, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.76, 0.37
HSL	346°, 100%, 32%
HSV	346°, 100%, 63%
XYZ	15.0478, 7.7170, 2.5301
YIQ	52.4710, 83.7580, 45.9500

# Conversions

## Conversions Part 2

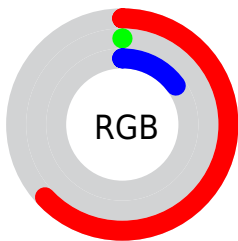
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 0, 38
Decimal	10551334
CIELab	33.39, 57.62, 28.08
CIElCh	33, 64.093, 25.981
Yxy	7.7170, 0.5949, 0.3051
Android (android.graphics.Color)	4288741414 (0xFFA10026)
YUV	52.4710, -7.1342, 95.1799
Hunter-Lab	27.7795, 48.0770, 14.0455

# Details

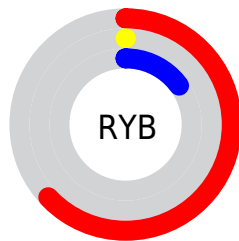
The Hex color **A10026** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A17B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **DF4C53**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A10026**, and if you desaturate by 10%, it is **A11032**.

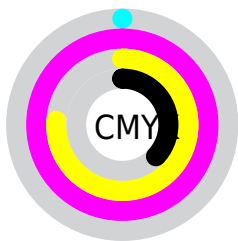
# Distribution



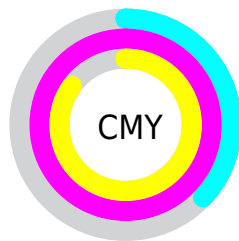
- Red (63%)
- Green (0%)
- Blue (15%)



- Red (63%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A10026 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 A10026 by changing the saturation by 10% instead.



 A10026

 A10026

FFFFFF

 830012

 DF4C53

 650000

 FE686B

 470001

 FF8484

 2A0001

 FFA09E

 000000

 FFBCB9

 FFD9D5

 FFF7F1

 A10026

 A11032

 A1203F

 A1304B

 A14057

 A15163

 A16170

 A1717C

 A18188

 A19195

# Harmonies

## Analogous

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



A10058



A10026



8B3200

# Triad

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



A10026



005F0B



0058B5

# Complementary

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



A10026



00A17B

# 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.



0061A3



A10026



006246

# Square

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



A10026



365800



00637A



2F44AB

# Rectangle

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



A10026



744400



00637A



005CB2



# Sweetspot

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



A10026



D192A1



7900A1



69434C



E8E8E8



696969



# Same Dimension

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



A10026



D10031



A12800



52494B



910022



120004



# Inverse Universe

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



A10026



D10031



0079A1



52494B



910022



120004



# Previews

## White Background



This preview shows how the Hex color A10026 looks on a white background.

## Color Contrast Check

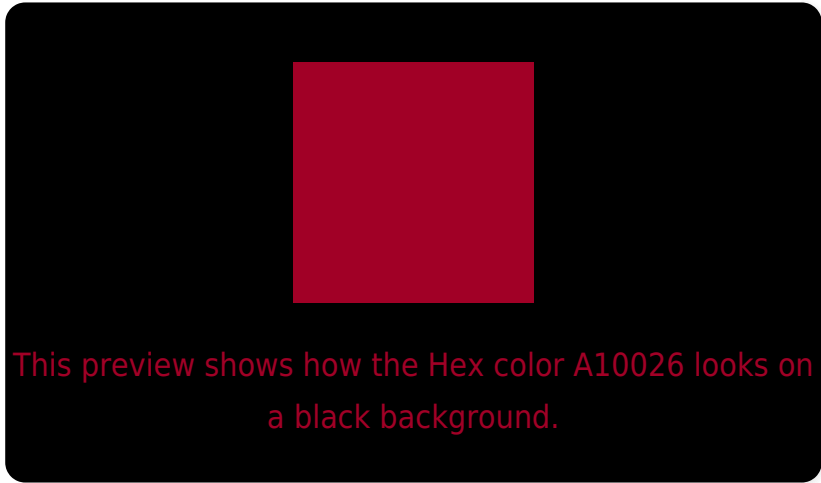
Large Text (above 18pt) WCAG AA ✓ Pass

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 A10026 Background



This preview shows how black text looks on a background with the Hex color A10026.



This preview shows how white text looks on a background with the Hex color A10026.

# 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**  
A10026

**Protanopia**  
58523A

**Deuteranopia**  
664E1C



**Tritanopia**  
A11009

# Trichromacy



**Original Color**  
A10026

**Protanomaly**  
733433

**Deuteranomaly**  
7B3220

**Tritanomaly**  
A10A14

# Monochromacy



**Original Color**  
A10026

**Achromatopsia**  
343434

**Achromatomaly**  
5C212F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A10026 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 #A10026 looks like.

```
.text, #text, p{  
    color:#A10026  
}
```

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 #A10026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10026  
}
```

## Border

The CSS property to change the border of an element to Hex A10026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

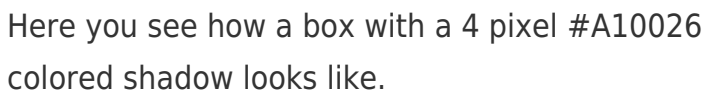
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A10026 }
```

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

```
.border{ border-color:#A10026 }
```

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



Here you see how a box with a 4 pixel #A10026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10026; -webkit-box-shadow:4px 4px  
4px 4px #A10026; box-shadow:4px 4px 4px  
4px #A10026 }
```

# Background

The CSS property to change the background color of an element to Hex A10026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10026 }
```

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

```
.background{ background-color:#A10026 }
```

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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