

# Converting Colors

Hex(A40036)

Have a look what the booklet for  
Hex(A40036) contains.

<b>Hex(A40036)</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(A40036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A40036
RGB	164, 0, 54
RGB Percent	64%, 0%, 21%
CMY	0.3569, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.67, 0.36
HSL	340°, 100%, 32%
HSV	340°, 100%, 64%
XYZ	15.9757, 8.1589, 4.2228
YIQ	55.1920, 80.4100, 51.5620

# Conversions

## Conversions Part 2

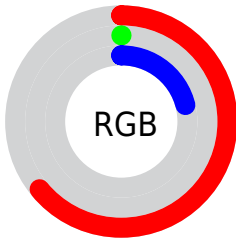
Format	Color
<b>RYB</b>	164, 0, 54
Decimal	10747958
CIELab	34.31, 59.08, 19.05
CIElCh	34, 62.071, 17.869
Yxy	8.1589, 0.5634, 0.2877
Android (android.graphics.Color)	4288938038 (0xFFA40036)
YUV	55.1920, -0.5877, 95.4246
Hunter-Lab	28.5637, 49.8486, 11.2292

# Details

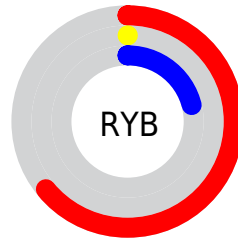
The Hex color **A40036** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A46E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **E14D64**, and **68000B** is the 20% darker color. If you saturate the color by 10%, you get **A40036**, and if you desaturate by 10%, it is **A41041**.

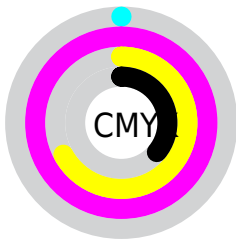
# Distribution



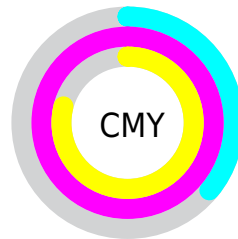
- Red (64%)
- Green (0%)
- Blue (21%)



- Red (64%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A40036 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 A40036 by changing the saturation by 10% instead.



 A40036

 A40036

FFFFFF

 860021

 E14D64

 68000B

 FF697D

 4B0001

 FF8597

 2E0002

 FFA2B2

 000000

 FFBECD

 FFD8E9

 FFF9FF

 A40036

 A41041

 A4214C

 A43157

 A44262

 A4526D

 A46278

 A47383

 A4838E

 A49499

# Harmonies

## Analogous

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



9C0467



A40036



942D01

# Triad

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



A40036



006000



005DB2

# Complementary

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



A40036



00A46E

# 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.



00649A



A40036



00643A

# Square

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



A40036



485700



00656E



004DB0

# Rectangle

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



A40036



804000



00656E



0060AD



# Sweetspot

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



A40036



D696AB



6D00A4



6B4551



EBEBEB



6B6B6B



# Same Dimension

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



A40036



D60047



A41B00



52494C



910030



120006



# Inverse Universe

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



A40036



D60047



0089A4



52494C



910030



120006



# Previews

## White Background



This preview shows how the Hex color A40036 looks on a white background.

## Color Contrast Check

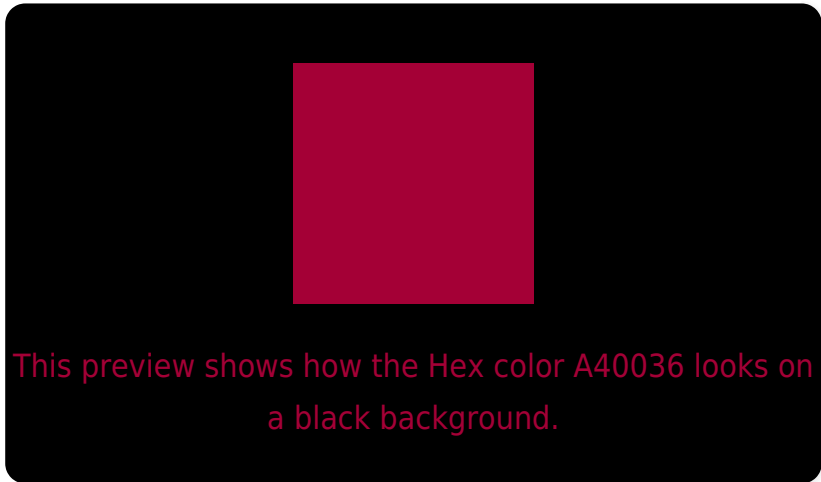
Large Text (above 18pt) WCAG AA ✓ Pass

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

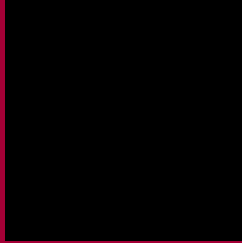
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A40036 Background



This preview shows how black text looks on a background with the Hex color A40036.

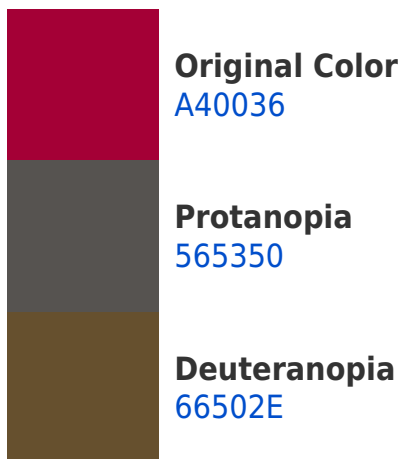


This preview shows how white text looks on a background with the Hex color A40036.

# 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](#).

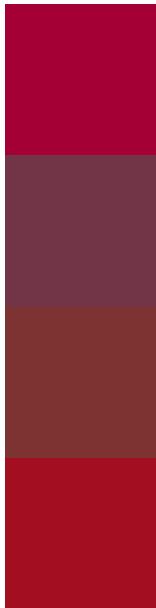
## Dichromacy





**Tritanopia**  
A31613

# Trichromacy



**Original Color**  
A40036

**Protanomaly**  
723547

**Deuteranomaly**  
7D3331

**Tritanomaly**  
A30E20

# Monochromacy



**Original Color**  
A40036

**Achromatopsia**  
373737

**Achromatomaly**  
5F2337

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A40036 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 #A40036 looks like.

```
.text, #text, p{  
    color:#A40036  
}
```

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 #A40036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A40036
}
```

## Border

The CSS property to change the border of an element to Hex A40036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

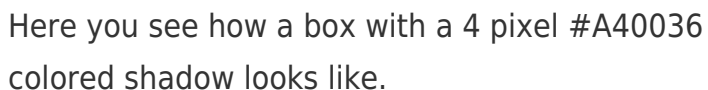
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A40036 }
```

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

```
.border{ border-color:#A40036 }
```

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



Here you see how a box with a 4 pixel #A40036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A40036; -webkit-box-shadow:4px 4px  
4px 4px #A40036; box-shadow:4px 4px 4px  
4px #A40036 }
```

# Background

The CSS property to change the background color of an element to Hex A40036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A40036 }
```

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

```
.background{ background-color:#A40036 }
```

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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