

Converting Colors

Hex(A50029)

Have a look what the booklet for
Hex(A50029) contains.

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Color

Hex(A50029)

Conversions

Conversions Part 1

Format	Color
Hex	A50029
RGB	165, 0, 41
RGB Percent	65%, 0%, 16%
CMY	0.3529, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.75, 0.35
HSL	345°, 100%, 32%
HSV	345°, 100%, 65%
XYZ	15.9173, 8.1594, 2.8338
YIQ	54.0090, 85.1790, 47.7310

Conversions

Conversions Part 2

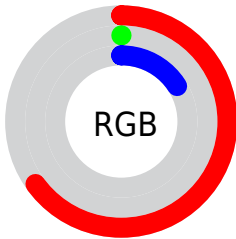
Format	Color
RYB	165, 0, 41
Decimal	10813481
CIELab	34.31, 58.74, 27.48
CIElCh	34, 64.844, 25.070
Yxy	8.1594, 0.5915, 0.3032
Android (android.graphics.Color)	4289003561 (0xFFA50029)
YUV	54.0090, -6.4134, 97.3391
Hunter-Lab	28.5647, 49.4784, 14.1133

Details

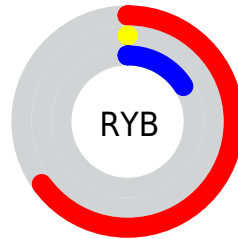
The Hex color **A50029** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A57C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **E34D56**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A50029**, and if you desaturate by 10%, it is **A51035**.

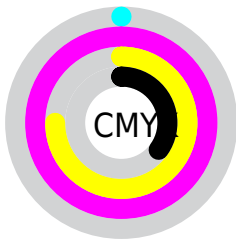
Distribution



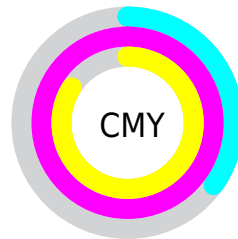
- Red (65%)
- Green (0%)
- Blue (16%)



- Red (65%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A50029 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 A50029 by changing the saturation by 10% instead.

 A50029

 A50029

FFFFFF

 860015

 E34D56

 690000

 FF696E

 4B0001

 FF8588

 2E0002

 FFA1A2

 000000

 FFBEBD

 FFD9D9

 FFF9F5

 A50029

 A51035

 A52142

 A5324E

 A5425B

 A55267

 A56373

 A57380

 A5848C

 A59499

Harmonies

Analogous

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



A4005C



A50029



8F3300

Triad

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



A50029



006209



005AB9

Complementary

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



A50029



00A57C

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.



0063A6



A50029



006546

Square

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



A50029



3A5A00



00667B



2C47B0

Rectangle

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



A50029



784500



00667B



005EB6

Sweetspot

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



A50029



D696A6



7C00A5



6B454E



EBEBEB



6B6B6B

Same Dimension

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



A50029



D60035



A52900



52494B



910024



120004

Inverse Universe

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



A50029



D60035



007CA5



52494B



910024



120004

Previews

White Background



This preview shows how the Hex color A50029 looks on a white background.

Color Contrast Check

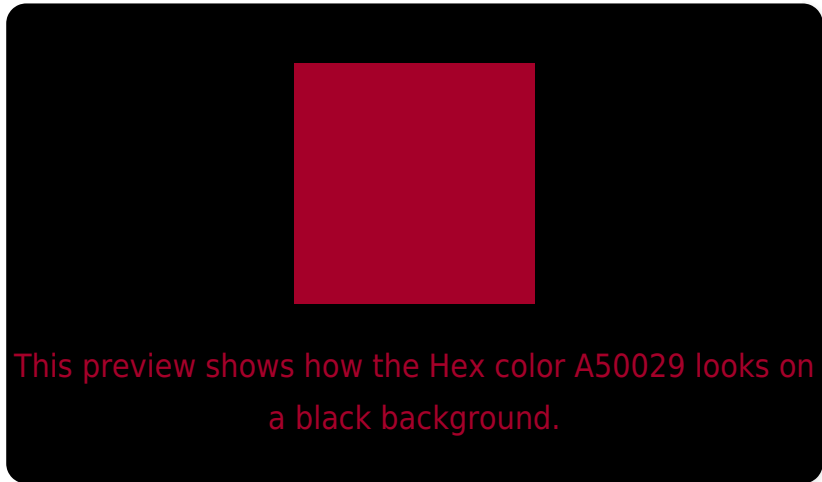
Large Text (above 18pt) WCAG AA ✓ Pass

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 A50029 Background



This preview shows how black text looks on a background with the Hex color A50029.



This preview shows how white text looks on a background with the Hex color A50029.

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
A50029

Protanopia
5A543E

Deuteranopia
685020



Tritanopia
A4110B

Trichromacy



Original Color
A50029

Protanomaly
753536

Deuteranomaly
7E3323

Tritanomaly
A40B16

Monochromacy



Original Color
A50029

Achromatopsia
363636

Achromatomaly
5E2231

CSS Examples

Text

The CSS property to change the color of the text to Hex A50029 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 #A50029 looks like.

```
.text, #text, p{  
    color:#A50029  
}
```

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 #A50029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50029
}
```

Border

The CSS property to change the border of an element to Hex A50029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

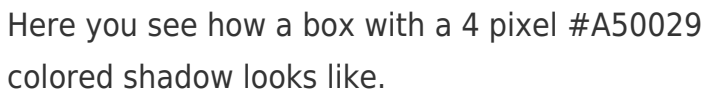
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A50029 }
```

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

```
.border{ border-color:#A50029 }
```

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



Here you see how a box with a 4 pixel #A50029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50029; -webkit-box-shadow:4px 4px  
4px 4px #A50029; box-shadow:4px 4px 4px  
4px #A50029 }
```

Background

The CSS property to change the background color of an element to Hex A50029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50029 }
```

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

```
.background{ background-color:#A50029 }
```

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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