

Converting Colors

Hex(A30029)

Have a look what the booklet for
Hex(A30029) contains.

Hex(A30029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A30029)

Conversions

Conversions Part 1

Format	Color
Hex	A30029
RGB	163, 0, 41
RGB Percent	64%, 0%, 16%
CMY	0.3608, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.75, 0.36
HSL	345°, 100%, 32%
HSV	345°, 100%, 64%
XYZ	15.5045, 7.9466, 2.8145
YIQ	53.4110, 83.9870, 47.3070

Conversions

Conversions Part 2

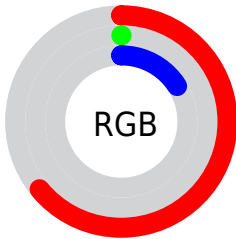
Format	Color
RYB	163, 0, 41
Decimal	10682409
CIELab	33.87, 58.23, 26.85
CIElCh	34, 64.126, 24.753
Yxy	7.9466, 0.5903, 0.3025
Android (android.graphics.Color)	4288872489 (0xFFA30029)
YUV	53.4110, -6.1186, 96.1096
Hunter-Lab	28.1898, 48.8437, 13.8133

Details

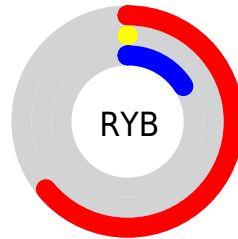
The Hex color **A30029** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A37A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **E14C56**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A30029**, and if you desaturate by 10%, it is **A31035**.

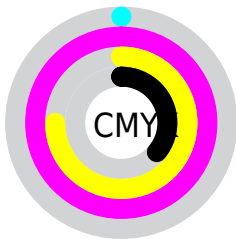
Distribution



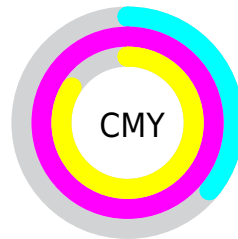
- Red (64%)
- Green (0%)
- Blue (16%)



- Red (64%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A30029 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 A30029 by changing the saturation by 10% instead.

 A30029

 A30029

FFFFFF

 850015

 E14C56

 670000

 FF686E

 490001

 FF8488

 2C0001

 FFA1A2

 000000

 FFBDBD

 FFDAD9

 FFF8F5

 A30029

 A31035

 A32141

 A3314E

 A3415A

 A35266

 A36272

 A3727E

 A3828B

 A39397

Harmonies

Analogous

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



A2005B



A30029



8E3200

Triad

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



A30029



006008



0059B7

Complementary

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



A30029



00A37A

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.



0062A3



A30029



006445

Square

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



A30029



3A5900



006579



2A46AE

Rectangle

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



A30029



774400



006579



005DB3

Sweetspot

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



A30029



D494A4



7800A3



6B454E



EBEBEB



6B6B6B

Same Dimension

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



A30029



D40035



A32600



52494B



910025



120004

Inverse Universe

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



A30029



D40035



007DA3



52494B



910025



120004

Previews

White Background



This preview shows how the Hex color A30029 looks on a white background.

Color Contrast Check

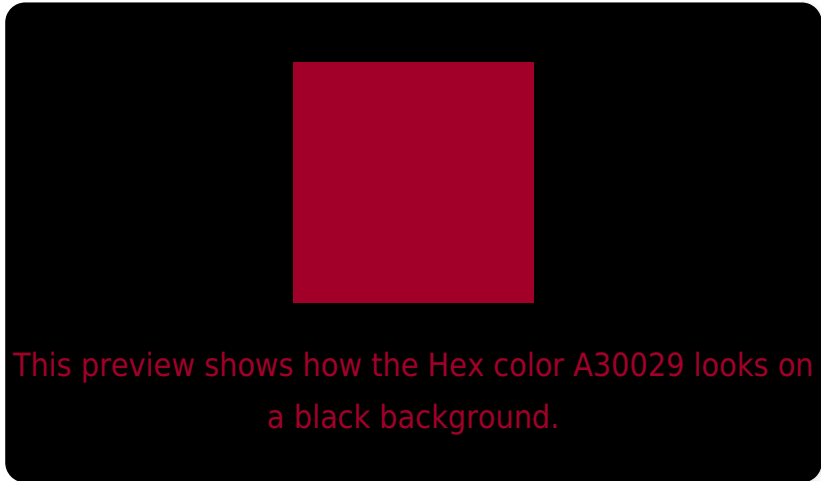
Large Text (above 18pt) WCAG AA ✓ Pass

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 A30029 Background



This preview shows how black text looks on a background with the Hex color A30029.

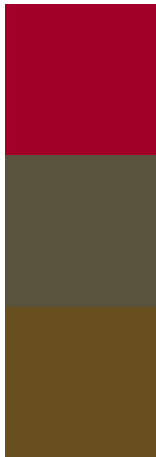


This preview shows how white text looks on a background with the Hex color A30029.

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
A30029

Protanopia
59533E

Deuteranopia
674F20

Trichromacy



Original Color
A30029

Protanomaly
743536

Deuteranomaly
7D3223

Tritanomaly
A20B16

Monochromacy



Original Color
A30029

Achromatopsia
353535

Achromatomaly
5D2231

CSS Examples

Text

The CSS property to change the color of the text to Hex A30029 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 #A30029 looks like.

```
.text, #text, p{  
    color:#A30029  
}
```

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 #A30029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A30029
}
```

Border

The CSS property to change the border of an element to Hex A30029 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".

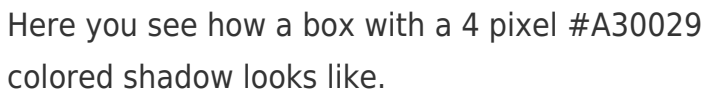
```
.border, #border, table{ border:4px solid
#A30029 }
```

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

```
.border{ border-color:#A30029 }
```

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

Here you see how a box with a 4 pixel #A30029 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A30029; -webkit-box-shadow:4px 4px  
4px 4px #A30029; box-shadow:4px 4px 4px  
4px #A30029 }
```

Background

The CSS property to change the background color of an element to Hex A30029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A30029 }
```

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

```
.background{ background-color:#A30029 }
```

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