

# Converting Colors

Hex(A64029)

Have a look what the booklet for  
Hex(A64029) contains.

<b>Hex(A64029)</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(A64029)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64029
RGB	166, 64, 41
RGB Percent	65%, 25%, 16%
CMY	0.3490, 0.7490, 0.8392
CMYK	0.00, 0.61, 0.75, 0.35
HSL	11°, 60%, 41%
HSV	11°, 75%, 65%
XYZ	17.9595, 11.9339, 3.4547
YIQ	91.8760, 68.1750, 14.4710

# Conversions

## Conversions Part 2

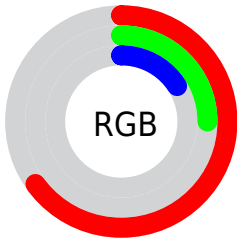
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 69, 41
Decimal	10895401
CIE <sub>Lab</sub>	41.11, 40.75, 35.15
CIE <sub>LCh</sub>	41, 53.815, 40.782
Yxy	11.9339, 0.5385, 0.3579
Android (android.graphics.Color)	4289085481 (0xFFA64029)
YUV	91.8760, -25.0819, 65.0067
Hunter-Lab	34.5454, 32.3442, 18.2525

# Details

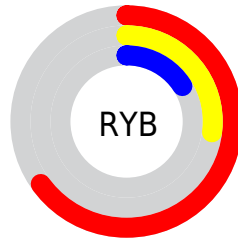
The Hex color **A64029** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **298FA6**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E37458**, and **6B0600** is the 20% darker color. If you saturate the color by 10%, you get **A63218**, and if you desaturate by 10%, it is **A64E3A**.

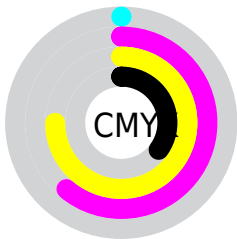
# Distribution



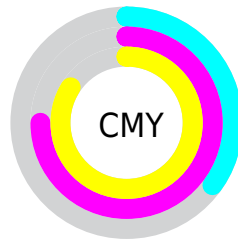
- Red (65%)
- Green (25%)
- Blue (16%)



- Red (65%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (75%)
- Black (35%)



- Cyan (35%)
- Magenta (75%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64029 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 A64029 by changing the saturation by 10% instead.



 A64029

 A64029

FFFFFF

 882613

 E37458

 6B0600

 FF8E70

 4E0000

 FFAA8A

 350001

 FFC5A5

 060000

 FFE2C0

 000000

 FFFFDC

 FFFFF8

 A64029

 A64029

 A63218

 A64E3A

 A62508

 A65B4A

 A61F00

 A6695B

 A6766B

 A6847C

 A6918D

 A69F9D

 A6ACAE

 A6BABE

# Harmonies

## Analogous

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



AF3153



A64029



8C5400

# Triad

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



A64029



007342



0061B8

# Complementary

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



A64029



298FA6

# 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.



006EB5



A64029



007570

# Square

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



A64029



356E15



00749A



764DA4

# Rectangle

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



A64029



745F00



00749A



0066BA



# Sweetspot

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



A64029



D9B0A7



A6298F



6E554F



EDEDED



6E6E6E



# Same Dimension

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



A64029



D93A16



A67E29



544D4C



941B00



140400



# Inverse Universe

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



298FA6



16B5D9



2951A6



4C5354



007994



001114



# Previews

## White Background



This preview shows how the Hex color A64029 looks on a white background.

## Color Contrast Check

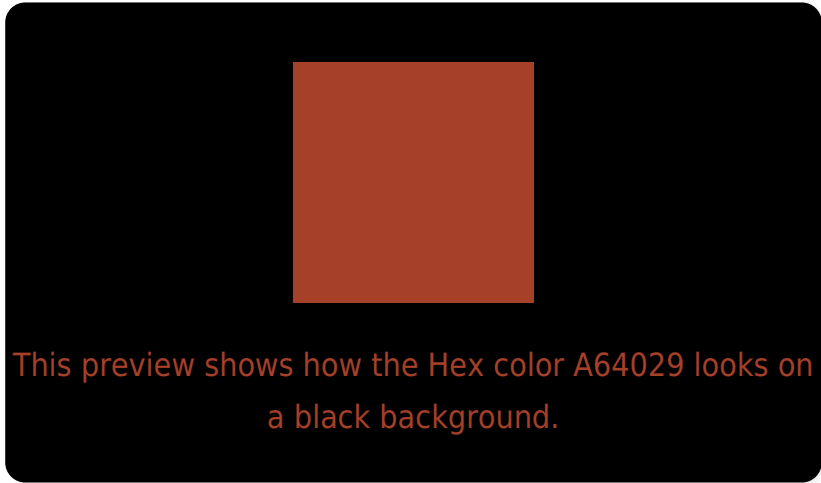
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A64029 Background



This preview shows how black text looks on a background with the Hex color A64029.



This preview shows how white text looks on a background with the Hex color A64029.

# 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**  
A64029

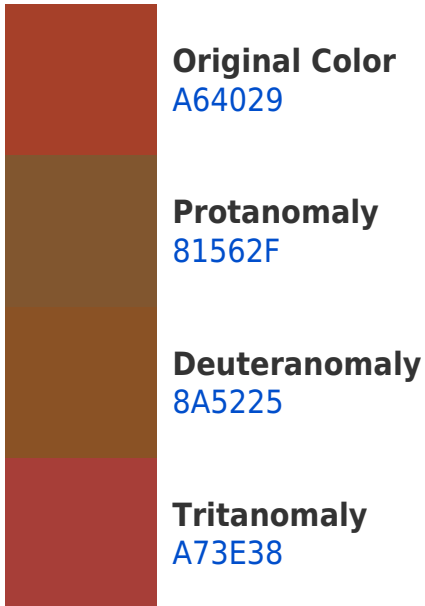
**Protanopia**  
6C6233

**Deuteranopia**  
7A5D22



**Tritanopia**  
A73D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64029 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 #A64029 looks like.

```
.text, #text, p{  
    color:#A64029  
}
```

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 #A64029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64029
}
```

## Border

The CSS property to change the border of an element to Hex A64029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

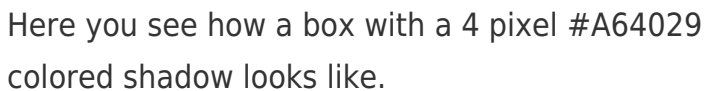
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A64029 }
```

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

```
.border{ border-color:#A64029 }
```

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



Here you see how a box with a 4 pixel #A64029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64029; -webkit-box-shadow:4px 4px  
4px 4px #A64029; box-shadow:4px 4px 4px  
4px #A64029 }
```

# Background

The CSS property to change the background color of an element to Hex A64029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64029 }
```

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

```
.background{ background-color:#A64029 }
```

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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