

# Converting Colors

Hex(A01634)

Have a look what the booklet for  
Hex(A01634) contains.

<b>Hex(A01634)</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(A01634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A01634
RGB	160, 22, 52
RGB Percent	63%, 9%, 20%
CMY	0.3725, 0.9137, 0.7961
CMYK	0.00, 0.86, 0.68, 0.37
HSL	347°, 76%, 36%
HSV	347°, 86%, 63%
XYZ	15.4039, 8.2953, 4.0381
YIQ	66.6820, 72.6180, 38.5860

# Conversions

## Conversions Part 2

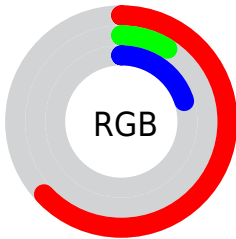
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 22, 52
Decimal	10491444
CIE <sub>Lab</sub>	34.59, 54.54, 20.53
CIE <sub>LCh</sub>	35, 58.278, 20.625
Yxy	8.2953, 0.5553, 0.2991
Android (android.graphics.Color)	4288681524 (0xFFA01634)
YUV	66.6820, -7.2382, 81.8399
Hunter-Lab	28.8016, 45.0642, 11.8485

# Details

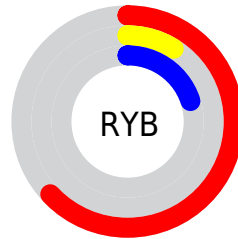
The Hex color **A01634** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16A082**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **DD5462**, and **650008** is the 20% darker color. If you saturate the color by 10%, you get **A00627**, and if you desaturate by 10%, it is **A02641**.

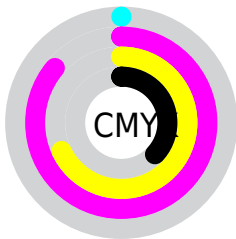
# Distribution



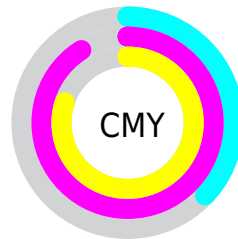
- Red (63%)
- Green (9%)
- Blue (20%)



- Red (63%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (68%)
- Black (37%)



- Cyan (37%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A01634 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 A01634 by changing the saturation by 10% instead.



 A01634

 A01634

FFFFFF

 82001F

 DD5462

 650008

 FC6F7B

 480001

 FF8B95

 2C0001

 FFA7AF

 000000

 FFC3CB

 FFE0E7

 FFFEFF

 A01634

 A01634

 A00627

 A02641

 A00023

 A0364D

 A0465A

 A05666

 A06673

 A0767F

 A0868C

 A09698

 A0A6A5

# Harmonies

## Analogous

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



9B1362



A01634



8F3403

# Triad

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



A01634



00600C



005CAE

# Complementary

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



A01634



16A082

# 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.



006399



A01634



006441

# Square

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



A01634



465900



006571



1F4CA9

# Rectangle

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



A01634



7C4400



006571



005FAA



# Sweetspot

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



A01634



D19BA7



8016A0



69484F



E8E8E8



696969



# Same Dimension

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



A01634



D1002D



A03B16



4F4749



8F001F



0F0003



# Inverse Universe

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



A01634



D1002D



167BA0



4F4749



8F001F



0F0003



# Previews

## White Background



This preview shows how the Hex color A01634 looks on a white background.

## Color Contrast Check

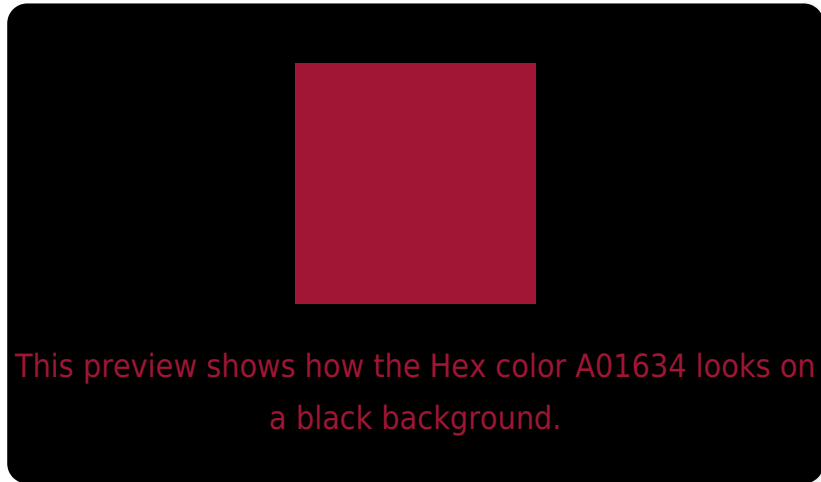
Large Text (above 18pt) WCAG AA ✓ Pass

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 A01634 Background



This preview shows how black text looks on a background with the Hex color A01634.



This preview shows how white text looks on a background with the Hex color A01634.

# 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**  
A01634

**Protanopia**  
57534B

**Deuteranopia**  
664F2D



**Tritanopia**  
9F1C1C

# Trichromacy



**Original Color**  
A01634

**Protanomaly**  
723D43

**Deuteranomaly**  
7B3A30

**Tritanomaly**  
9F1A25

# Monochromacy



**Original Color**  
A01634

**Achromatopsia**  
434343

**Achromatomaly**  
65333E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A01634 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 #A01634 looks like.

```
.text, #text, p{  
    color:#A01634  
}
```

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 #A01634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A01634
}
```

## Border

The CSS property to change the border of an element to Hex A01634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

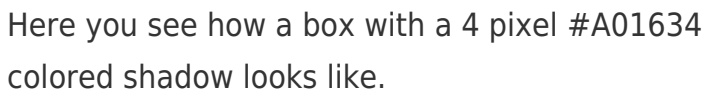
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A01634 }
```

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

```
.border{ border-color:#A01634 }
```

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



Here you see how a box with a 4 pixel `#A01634` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A01634; -webkit-box-shadow:4px 4px  
4px 4px #A01634; box-shadow:4px 4px 4px  
4px #A01634 }
```

# Background

The CSS property to change the background color of an element to Hex A01634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A01634 }
```

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

```
.background{ background-color:#A01634 }
```

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