

# Converting Colors

Hex(A10D34)

Have a look what the booklet for  
Hex(A10D34) contains.

<b>Hex(A10D34)</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(A10D34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A10D34
RGB	161, 13, 52
RGB Percent	63%, 5%, 20%
CMY	0.3686, 0.9490, 0.7961
CMYK	0.00, 0.92, 0.68, 0.37
HSL	344°, 85%, 34%
HSV	344°, 92%, 63%
XYZ	15.4617, 8.1128, 3.9998
YIQ	61.6980, 75.6890, 43.5050

# Conversions

## Conversions Part 2

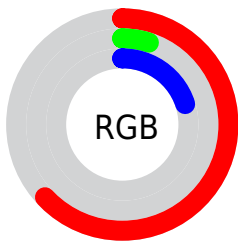
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 13, 52
Decimal	10554676
CIELab	34.22, 56.49, 20.10
CIElCh	34, 59.962, 19.581
Yxy	8.1128, 0.5607, 0.2942
Android (android.graphics.Color)	4288744756 (0xFFA10D34)
YUV	61.6980, -4.7811, 87.0879
Hunter-Lab	28.4831, 47.0513, 11.6122

# Details

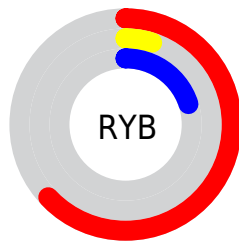
The Hex color **A10D34** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0DA17A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **DE5062**, and **660008** is the 20% darker color. If you saturate the color by 10%, you get **A1002A**, and if you desaturate by 10%, it is **A11D40**.

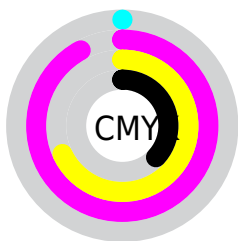
# Distribution



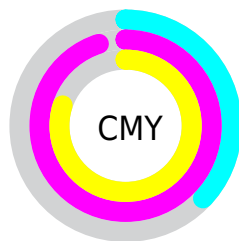
- Red (63%)
- Green (5%)
- Blue (20%)



- Red (63%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (92%)
- Yellow (68%)
- Black (37%)



- Cyan (37%)
- Magenta (95%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A10D34 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 A10D34 by changing the saturation by 10% instead.



 A10D34

 A10D34

FFFFFF

 83001F

 DE5062

 660008

 FD6C7B

 490001

 FF8895

 2C0001

 FFA4AF

 000000

 FFC0CB

 FFDEE7

 FFFBFF

 A10D34

 A10D34

 A1002A

 A11D40

 A12D4C

 A13D58

 A14D63

 A15E6F

 A16E7B

 A17E87

 A18E93

 A19E9F

# Harmonies

## Analogous

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



9B0B63



A10D34



903001

# Triad

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



A10D34



006004



005BAF

# Complementary

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



A10D34



0DA17A

# 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



A10D34



00633E

# Square

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



A10D34



465800



00656F



094BAC

# Rectangle

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



A10D34



7D4200



00656F



005FAB



# Sweetspot

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



A10D34



D197A6



7A0DA1



69454E



E8E8E8



696969



# Same Dimension

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



A10D34



D10037



A1300D



52494C



910026



120005



# Inverse Universe

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



A10D34



D10037



0D7EA1



52494C



910026



120005



# Previews

## White Background



This preview shows how the Hex color A10D34 looks on a white background.

## Color Contrast Check

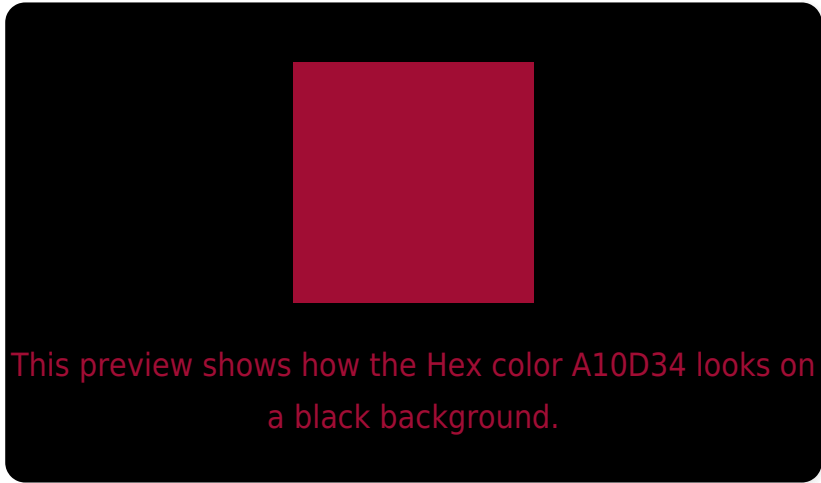
Large Text (above 18pt) WCAG AA ✓ Pass

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 A10D34 Background



This preview shows how black text looks on a background with the Hex color A10D34.



This preview shows how white text looks on a background with the Hex color A10D34.

# 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**  
A10D34

**Protanopia**  
56524C

**Deuteranopia**  
654F2D



**Tritanopia**  
A01816

# Trichromacy



**Original Color**  
A10D34

**Protanomaly**  
713943

**Deuteranomaly**  
7B3730

**Tritanomaly**  
A01421

# Monochromacy



**Original Color**  
A10D34

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
622C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A10D34 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 #A10D34 looks like.

```
.text, #text, p{  
    color:#A10D34  
}
```

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 #A10D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10D34
}
```

## Border

The CSS property to change the border of an element to Hex A10D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

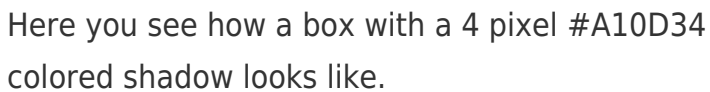
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10D34 }
```

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

```
.border{ border-color:#A10D34 }
```

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



Here you see how a box with a 4 pixel `#A10D34` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10D34; -webkit-box-shadow:4px 4px  
4px 4px #A10D34; box-shadow:4px 4px 4px  
4px #A10D34 }
```

# Background

The CSS property to change the background color of an element to Hex A10D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10D34 }
```

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

```
.background{ background-color:#A10D34 }
```

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