

# Converting Colors

Hex(A10006)

Have a look what the booklet for  
Hex(A10006) contains.

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**Color**

**Hex(A10006)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A10006
RGB	161, 0, 6
RGB Percent	63%, 0%, 2%
CMY	0.3686, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.96, 0.37
HSL	358°, 100%, 32%
HSV	358°, 100%, 63%
XYZ	14.7308, 7.5902, 0.8610
YIQ	48.8230, 94.0300, 35.9980

# Conversions

## Conversions Part 2

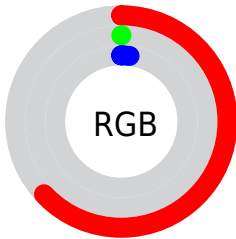
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 0, 6
Decimal	10551302
CIE <sub>Lab</sub>	33.11, 56.88, 44.78
CIE <sub>LCh</sub>	33, 72.388, 38.214
Yxy	7.5902, 0.6354, 0.3274
Android (android.graphics.Color)	4288741382 (0xFFA10006)
YUV	48.8230, -21.1117, 98.3792
Hunter-Lab	27.5503, 47.2285, 17.4324

# Details

The Hex color **A10006** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A19B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **E04B35**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **A10006**, and if you desaturate by 10%, it is **A11015**.

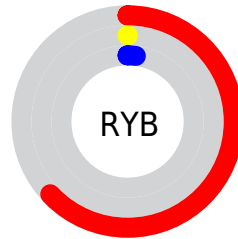
# Distribution



Red (63%)

Green (0%)

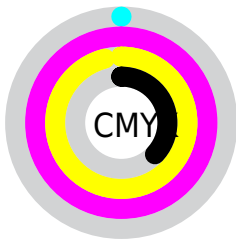
Blue (2%)



Red (63%)

Yellow (0%)

Blue (2%)

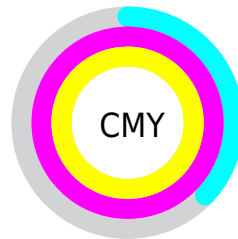


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (37%)



Cyan (37%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A10006 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 A10006 by changing the saturation by 10% instead.



 A10006

 A10006

 FFFFEC

 820000

 E04B35

 630000

 FF674C

 460001

 FF8365

 280001

 FF9F7E

 000000

 FFBB98

 FFD8B3

 FFF6CF

 A10006

 A11015

 A12025

 A13034

 A14044

 A15153

 A16163

 A17172

 A18182

 A19192

# Harmonies

## Analogous

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



AD0041



A10006



813A00

# Triad

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



A10006



00621F



0051C2

# Complementary

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



A10006



00A19B

# 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.



005FBA



A10006



00645D

# Square

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



A10006



005C00



006494



5C34AA

# Rectangle

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



A10006



634B00



006494



0058C3



# Sweetspot

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



A10006



D19295



9900A1



694344



E8E8E8



696969



# Same Dimension

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



A10006



D10008



A14800



52494A



910005



120001



# Inverse Universe

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



A10006



D10008



0059A1



52494A



910005



120001



# Previews

## White Background



This preview shows how the Hex color A10006 looks on a white background.

## Color Contrast Check

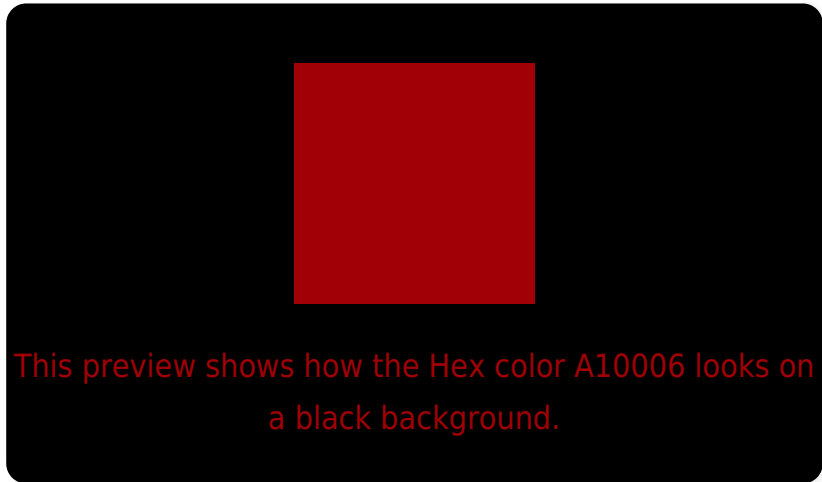
Large Text (above 18pt) WCAG AA ✓ Pass

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 A10006 Background



This preview shows how black text looks on a background with the Hex color A10006.



This preview shows how white text looks on a background with the Hex color A10006.

# 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**  
A10006

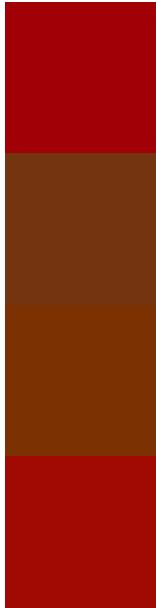
**Protanopia**  
5B5116

**Deuteranopia**  
664D00



**Tritanopia**  
A00F00

# Trichromacy



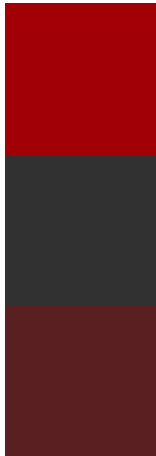
**Original Color**  
A10006

**Protanomaly**  
743410

**Deuteranomaly**  
7B3102

**Tritanomaly**  
A00A02

# Monochromacy



**Original Color**  
A10006

**Achromatopsia**  
313131

**Achromatomaly**  
5A1F21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A10006 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 #A10006 looks like.

```
.text, #text, p{  
    color:#A10006  
}
```

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 #A10006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10006
}
```

## Border

The CSS property to change the border of an element to Hex A10006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

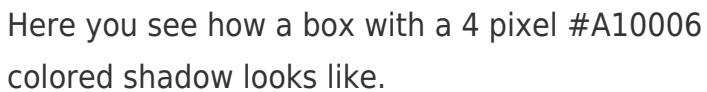
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10006 }
```

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

```
.border{ border-color:#A10006 }
```

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



Here you see how a box with a 4 pixel `#A10006` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10006; -webkit-box-shadow:4px 4px  
4px 4px #A10006; box-shadow:4px 4px 4px  
4px #A10006 }
```

# Background

The CSS property to change the background color of an element to Hex A10006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10006 }
```

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

```
.background{ background-color:#A10006 }
```

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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