

# Converting Colors

Hex(A60610)

Have a look what the booklet for  
Hex(A60610) contains.

<b>Hex(A60610)</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(A60610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A60610
RGB	166, 6, 16
RGB Percent	65%, 2%, 6%
CMY	0.3490, 0.9765, 0.9373
CMYK	0.00, 0.96, 0.90, 0.35
HSL	356°, 93%, 34%
HSV	356°, 96%, 65%
XYZ	15.8845, 8.2747, 1.2502
YIQ	54.9800, 92.1500, 37.0300

# Conversions

## Conversions Part 2

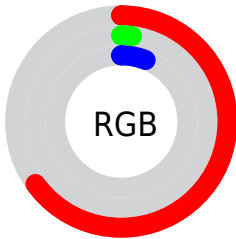
Format	Color
<a href="#">RYB</a>	<a href="#">166, 6, 16</a>
Decimal	<a href="#">10880528</a>
CIELab	<a href="#">34.55, 57.53, 42.03</a>
CIELCh	<a href="#">35, 71.249, 36.153</a>
Yxy	<a href="#">8.2747, 0.6251, 0.3257</a>
Android (android.graphics.Color)	<a href="#">4289070608 (0xFFA60610)</a>
YUV	<a href="#">54.9800, -19.2171, 97.3645</a>
Hunter-Lab	<a href="#">28.7657, 48.2285, 17.5592</a>

# Details

The Hex color **A60610** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **06A69C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **E54E3D**, and **680000** is the 20% darker color. If you saturate the color by 10%, you get **A6000A**, and if you desaturate by 10%, it is **A61720**.

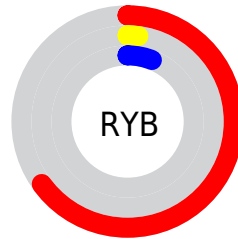
# Distribution



Red (65%)

Green (2%)

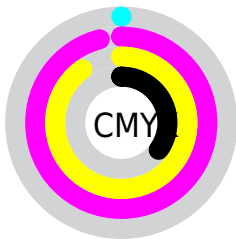
Blue (6%)



Red (65%)

Yellow (2%)

Blue (6%)

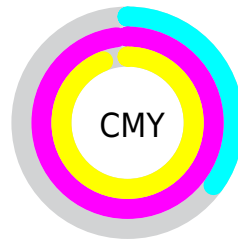


Cyan (0%)

Magenta (96%)

Yellow (90%)

Black (35%)



Cyan (35%)

Magenta (98%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A60610 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 A60610 by changing the saturation by 10% instead.



 A60610

 A60610

 FFFFF5

 870000

 E54E3D

 680000

 FF6A55

 4A0001

 FF866E

 2E0002

 FFA287

 000000

 FFBFA2

 FFDCBD

 FFF9D9

 A60610

 A60610

 A6000A

 A61720

 A6272F

 A6383F

 A6484E

 A6595E

 A66A6D

 A67A7D

 A68B8C

 A69B9C

# Harmonies

## Analogous

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



B00048



A60610



873C00

# Triad

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



A60610



00651E



0056C5

# Complementary

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



A60610



06A69C

# 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.



0063BB



A60610



00675C

# Square

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



A60610



125F00



006794



593AAF

# Rectangle

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



A60610



6A4D00



006794



005CC5



# Sweetspot

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



A60610



D99A9E



9B06A6



6E474A



EDEDED



6E6E6E



# Same Dimension

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



A60610



D9000E



A64B06



544C4C



940009



140001



# Inverse Universe

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



A60610



D9000E



0661A6



544C4C



940009



140001



# Previews

## White Background



This preview shows how the Hex color A60610 looks on a white background.

## Color Contrast Check

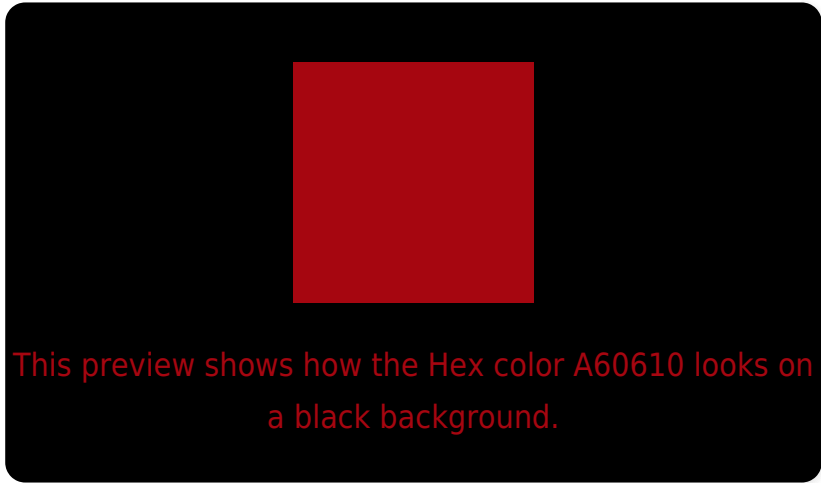
Large Text (above 18pt) WCAG AA ✓ Pass

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 A60610 Background



This preview shows how black text looks on a background with the Hex color A60610.

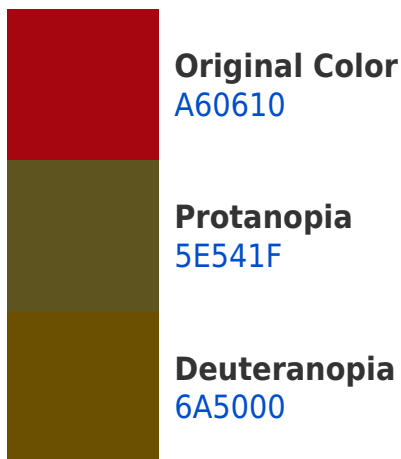


This preview shows how white text looks on a background with the Hex color A60610.

# 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](#).

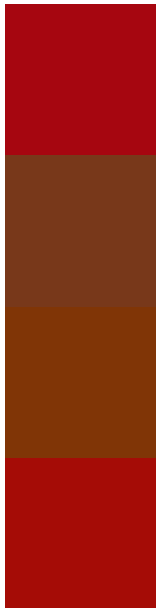
## Dichromacy





**Tritanopia**  
A50F00

# Trichromacy



**Original Color**  
A60610

**Protanomaly**  
78381A

**Deuteranomaly**  
803506

**Tritanomaly**  
A50C06

# Monochromacy



**Original Color**  
A60610

**Achromatopsia**  
373737

**Achromatomaly**  
5F2529

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A60610 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 #A60610 looks like.

```
.text, #text, p{  
    color:#A60610  
}
```

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 #A60610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A60610
}
```

## Border

The CSS property to change the border of an element to Hex A60610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

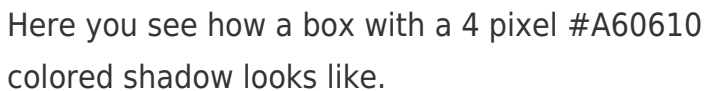
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A60610 }
```

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

```
.border{ border-color:#A60610 }
```

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



Here you see how a box with a 4 pixel #A60610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A60610; -webkit-box-shadow:4px 4px  
4px 4px #A60610; box-shadow:4px 4px 4px  
4px #A60610 }
```

# Background

The CSS property to change the background color of an element to Hex A60610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A60610 }
```

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

```
.background{ background-color:#A60610 }
```

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