

# Converting Colors

Hex(A31124)

Have a look what the booklet for  
Hex(A31124) contains.

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# Color

**Hex(A31124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A31124
RGB	163, 17, 36
RGB Percent	64%, 7%, 14%
CMY	0.3608, 0.9333, 0.8588
CMYK	0.00, 0.90, 0.78, 0.36
HSL	352°, 81%, 35%
HSV	352°, 90%, 64%
XYZ	15.6231, 8.3148, 2.4506
YIQ	62.8200, 80.9170, 36.8610

# Conversions

## Conversions Part 2

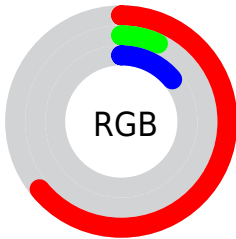
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 17, 36
Decimal	10686756
CIE Lab	34.63, 55.66, 30.83
CIE LCh	35, 63.625, 28.979
Yxy	8.3148, 0.5920, 0.3151
Android (android.graphics.Color)	4288876836 (0xFFA31124)
YUV	62.8200, -13.2223, 87.8579
Hunter-Lab	28.8354, 46.2501, 15.1461

# Details

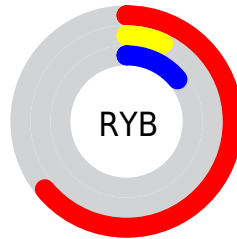
The Hex color **A31124** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **11A390**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **E15251**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A30116**, and if you desaturate by 10%, it is **A32132**.

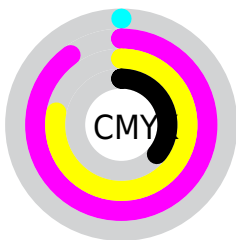
# Distribution



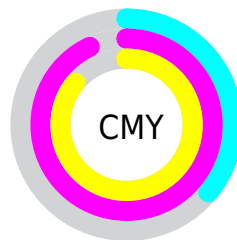
- Red (64%)
- Green (7%)
- Blue (14%)



- Red (64%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (78%)
- Black (36%)



- Cyan (36%)
- Magenta (93%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A31124 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 A31124 by changing the saturation by 10% instead.



 A31124

 A31124

FFFFFF

 850010

 E15251

 670000

 FF6D69

 490001

 FF8982

 2D0001

 FFA59C

 000000

 FFC2B7

 FFDFD3

 FFFCEF

 A31124

 A31124

 A30116

 A32132

 A30015

 A33240

 A3424F

 A3525D

 A3626B

 A37379

 A38387

 A39395

 A3A4A4

# Harmonies

## Analogous

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



A50056



A31124



8B3800

# Triad

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



A31124



006316



0059B8

# Complementary

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



A31124



11A390

# 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.



0063A9



A31124



00664E

# Square

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



A31124



335C00



006682



4244AB

# Rectangle

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



A31124



744900



006682



005DB6



# Sweetspot

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



A31124



D49BA2



9011A3



6B494D



EBEBEB



6B6B6B



# Same Dimension

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



A31124



D4001C



A34711



52494B



910013



120002



# Inverse Universe

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



A31124



D4001C



116DA3



52494B



910013



120002



# Previews

## White Background



This preview shows how the Hex color A31124 looks on a white background.

## Color Contrast Check

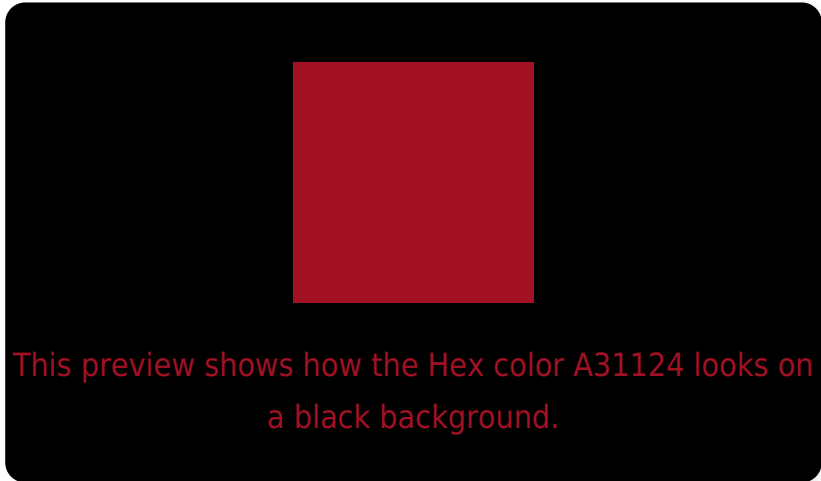
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31124 Background



This preview shows how black text looks on a background with the Hex color A31124.



This preview shows how white text looks on a background with the Hex color A31124.

# 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



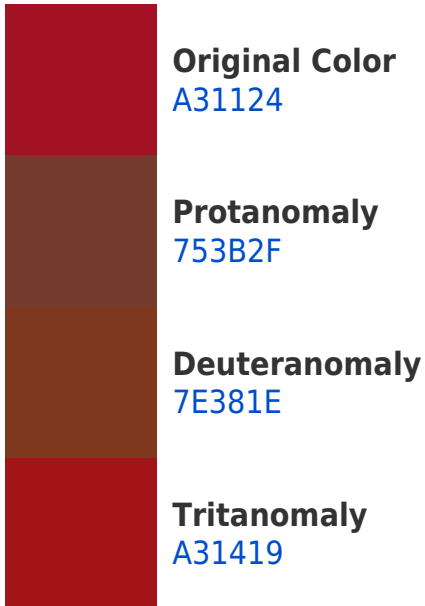
**Original Color**  
A31124

**Protanopia**  
5B5336

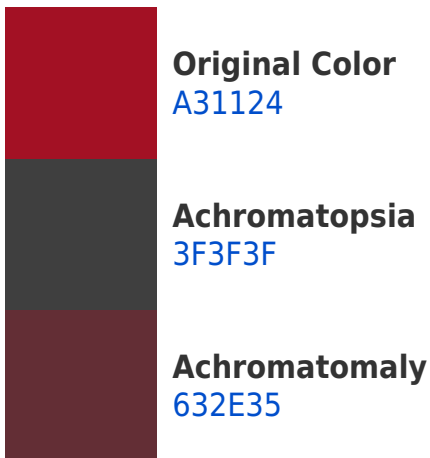
**Deuteranopia**  
694F1A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A31124 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 #A31124 looks like.

```
.text, #text, p{  
    color:#A31124  
}
```

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 #A31124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31124
}
```

## Border

The CSS property to change the border of an element to Hex A31124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

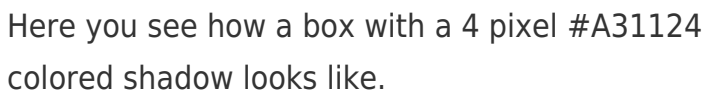
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A31124 }
```

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

```
.border{ border-color:#A31124 }
```

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



Here you see how a box with a 4 pixel #A31124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31124; -webkit-box-shadow:4px 4px  
4px 4px #A31124; box-shadow:4px 4px 4px  
4px #A31124 }
```

# Background

The CSS property to change the background color of an element to Hex A31124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31124 }
```

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

```
.background{ background-color:#A31124 }
```

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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