

# Converting Colors

Hex(A0531D)

Have a look what the booklet for  
Hex(A0531D) contains.

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**Color**

**Hex(A0531D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0531D
RGB	160, 83, 29
RGB Percent	63%, 33%, 11%
CMY	0.3725, 0.6745, 0.8863
CMYK	0.00, 0.48, 0.82, 0.37
HSL	25°, 69%, 37%
HSV	25°, 82%, 63%
XYZ	17.8122, 13.7488, 2.8774
YIQ	99.8670, 63.2260, -0.4700

# Conversions

## Conversions Part 2

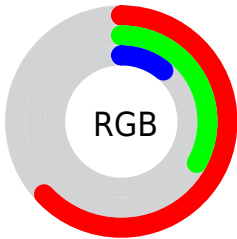
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 121, 29
Decimal	10507037
CIELab	43.87, 28.07, 43.65
CIELCh	44, 51.898, 57.260
Yxy	13.7488, 0.5172, 0.3992
Android (android.graphics.Color)	4288697117 (0xFFA0531D)
YUV	99.8670, -34.9374, 52.7366
Hunter-Lab	37.0794, 20.8591, 21.3546

# Details

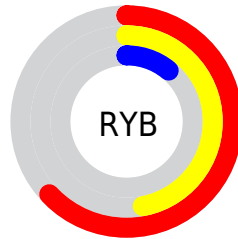
The Hex color **A0531D** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1D6AA0**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **DC864D**, and **672400** is the 20% darker color. If you saturate the color by 10%, you get **A04A0D**, and if you desaturate by 10%, it is **A05C2D**.

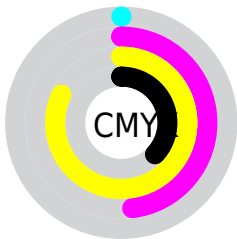
# Distribution



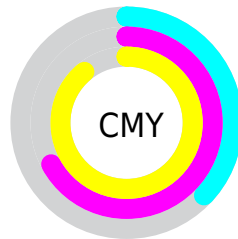
- Red (63%)
- Green (33%)
- Blue (11%)



- Red (63%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (82%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0531D 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 A0531D by changing the saturation by 10% instead.



 A0531D

 A0531D

FFFFFF

 833B03

 DC864D

 672400

 FAA066

 4A0C00

 FFBB80

 300000

 FFD79B

 040000

 FFF4B6

 000000

 FFFFD2

 FFFFEE

 A0531D

 A0531D

 A04A0D

 A05C2D

 A04200

 A0663D

 A06F4D

 A0795D

 A0826D

 A08B7D

 A0958D

 A09E9D

 A0A8AD

# Harmonies

## Analogous

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



B34143



A0531D



806400

# Triad

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



A0531D



007B62



5F5EB5

# Complementary

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



A0531D



1D6AA0

# 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.



006EBE



A0531D



007B8E

# Square

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



A0531D



097836



0078B0



984A97

# Rectangle

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



A0531D



656D01



0078B0



4064BA



# Sweetspot

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



A0531D



D1B29D



A01D6C



695649



E8E8E8



696969



# Same Dimension

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



A0531D



D15904



A0931D



4F4A47



8F3B00



0F0600



# Inverse Universe

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



1D6AA0



047DD1



1D2AA0



474C4F



00548F



00090F



# Previews

## White Background



This preview shows how the Hex color A0531D looks on a white background.

## Color Contrast Check

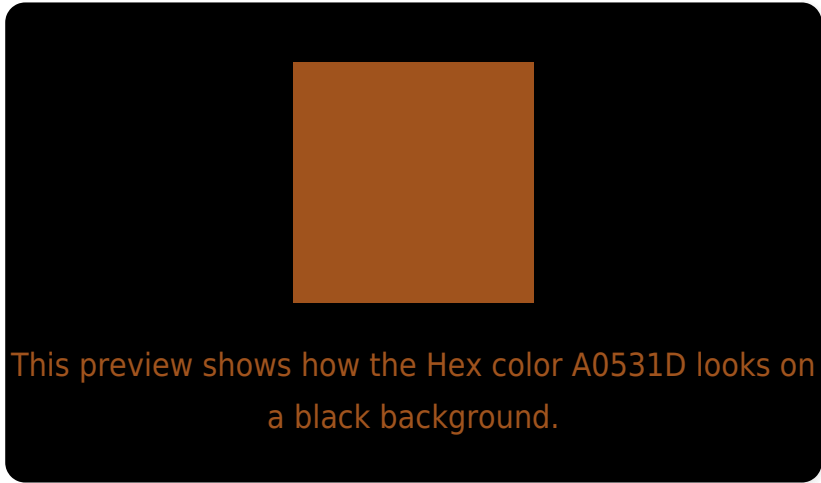
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

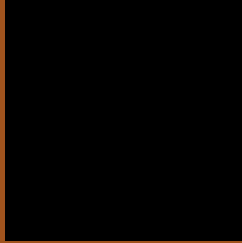
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A0531D Background



This preview shows how black text looks on a background with the Hex color A0531D.



This preview shows how white text looks on a background with the Hex color A0531D.

# 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**  
A0531D

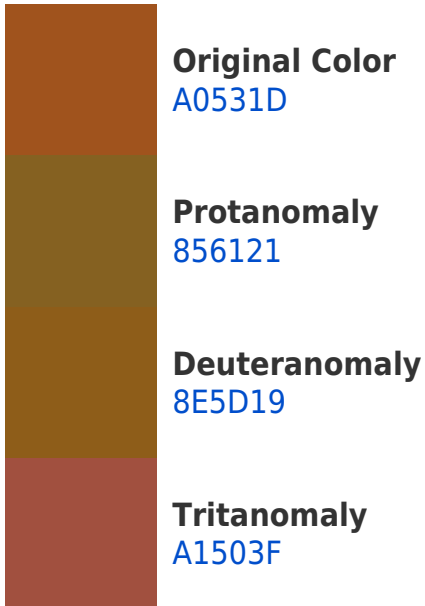
**Protanopia**  
756923

**Deuteranopia**  
836316

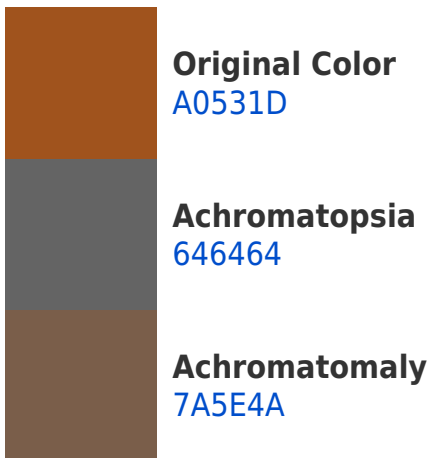


**Tritanopia**  
A24E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0531D 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 #A0531D looks like.

```
.text, #text, p{  
    color:#A0531D  
}
```

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 #A0531D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0531D
}
```

## Border

The CSS property to change the border of an element to Hex A0531D is called "border". The border property can be set on classes, ids or directly on the HTML element.

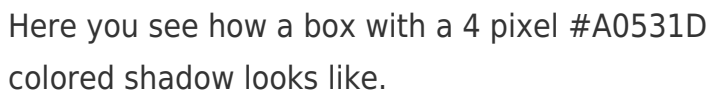
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0531D }
```

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

```
.border{ border-color:#A0531D }
```

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



Here you see how a box with a 4 pixel #A0531D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0531D; -webkit-box-shadow:4px 4px  
4px 4px #A0531D; box-shadow:4px 4px 4px  
4px #A0531D }
```

# Background

The CSS property to change the background color of an element to Hex A0531D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0531D }
```

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

```
.background{ background-color:#A0531D }
```

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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