

# Converting Colors

Hex(A0561D)

Have a look what the booklet for  
Hex(A0561D) contains.

<b>Hex(A0561D)</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(A0561D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0561D
RGB	160, 86, 29
RGB Percent	63%, 34%, 11%
CMY	0.3725, 0.6627, 0.8863
CMYK	0.00, 0.46, 0.82, 0.37
HSL	26°, 69%, 37%
HSV	26°, 82%, 63%
XYZ	18.0468, 14.2179, 2.9556
YIQ	101.6280, 62.4010, -2.0390

# Conversions

## Conversions Part 2

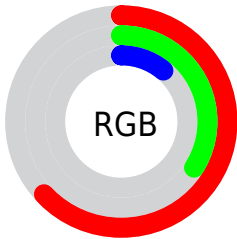
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 130, 29
Decimal	10507805
CIELab	44.54, 26.42, 44.28
CIELCh	45, 51.560, 59.181
Yxy	14.2179, 0.5124, 0.4037
Android (android.graphics.Color)	4288697885 (0xFFA0561D)
YUV	101.6280, -35.8056, 51.1922
Hunter-Lab	37.7066, 19.4454, 21.7473

# Details

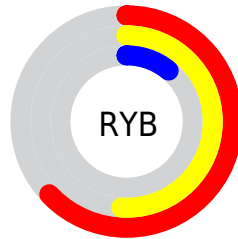
The Hex color **A0561D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D67A0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **DC894E**, and **672700** is the 20% darker color. If you saturate the color by 10%, you get **A04D0D**, and if you desaturate by 10%, it is **A05F2D**.

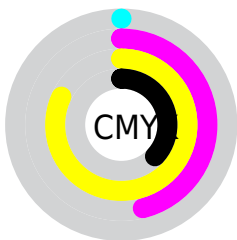
# Distribution



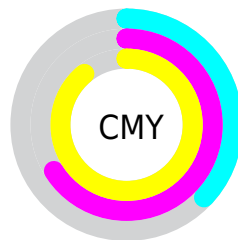
- Red (63%)
- Green (34%)
- Blue (11%)



- Red (63%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (46%)
- Yellow (82%)
- Black (37%)



- Cyan (37%)
- Magenta (66%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0561D 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 A0561D by changing the saturation by 10% instead.



 A0561D

 A0561D

FFFFFF

 833E02

 DC894E

 672700

 FAA367

 4A1000

 FFBE80

 300000

 FFDA9B

 080000

 FFF7B6

 000000

 FFFFD2

 FFFFEF

 A0561D

 A0561D

■ A04D0D

■ A05F2D

■ A04600

■ A0683D

■ A0714D

■ A07A5D

■ A0836D

■ A08C7D

■ A0958D

■ A09E9D

■ A0A7AD

# Harmonies

## Analogous

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



B34442



A0561D



7F6700

# Triad

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



A0561D



007D67



665EB5

# Complementary

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



A0561D



1D67A0

# 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.



006FBF



A0561D



007D92

# Square

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



A0561D



007A3B



0079B3



9C4B96

# Rectangle

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



A0561D



647007



0079B3



4965BB



# Sweetspot

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



A0561D



D1B49D



A01D67



695749



E8E8E8



696969



# Same Dimension

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



A0561D



D15D04



A0971D



4F4B47



8F3E00



0F0700



# Inverse Universe

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



1D67A0



0478D1



1D26A0



474C4F



00518F



00090F



# Previews

## White Background



This preview shows how the Hex color A0561D looks on a white background.

## Color Contrast Check

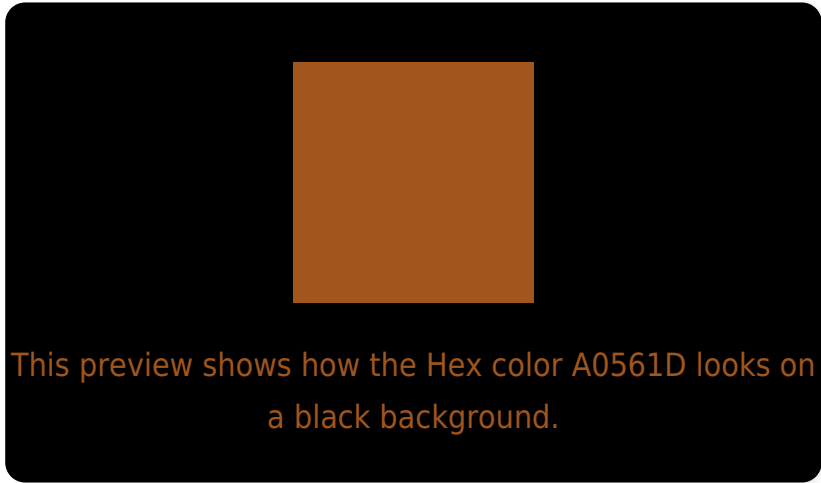
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0561D Background



This preview shows how black text looks on a background with the Hex color A0561D.



This preview shows how white text looks on a background with the Hex color A0561D.

# 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**  
A0561D

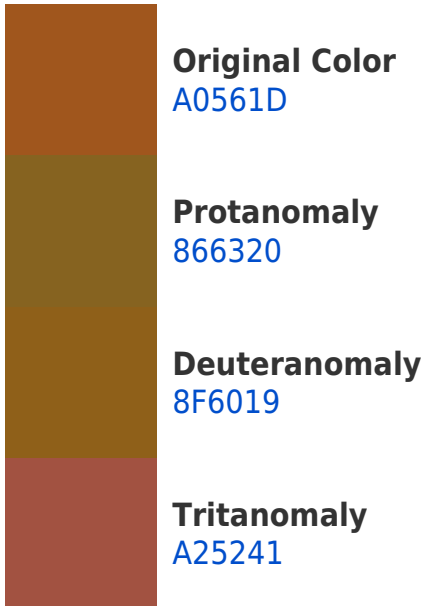
**Protanopia**  
776A22

**Deuteranopia**  
856517

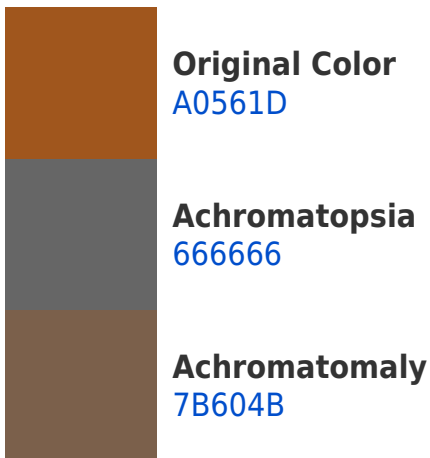


**Tritanopia**  
A35056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0561D 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 #A0561D looks like.

```
.text, #text, p{  
    color:#A0561D  
}
```

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 #A0561D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0561D
}
```

## Border

The CSS property to change the border of an element to Hex A0561D 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
#A0561D }
```

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

```
.border{ border-color:#A0561D }
```

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

Here you see how a box with a 4 pixel #A0561D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0561D; -webkit-box-shadow:4px 4px  
4px 4px #A0561D; box-shadow:4px 4px 4px  
4px #A0561D }
```

# Background

The CSS property to change the background color of an element to Hex A0561D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0561D }
```

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

```
.background{ background-color:#A0561D }
```

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