

# Converting Colors

Hex(A63D00)

Have a look what the booklet for  
Hex(A63D00) contains.

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**Color**

**Hex(A63D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A63D00
RGB	166, 61, 0
RGB Percent	65%, 24%, 0%
CMY	0.3490, 0.7608, 1.0000
CMYK	0.00, 0.63, 1.00, 0.35
HSL	22°, 100%, 33%
HSV	22°, 100%, 65%
XYZ	17.3946, 11.4445, 1.2922
YIQ	85.4410, 82.1610, 3.2890

# Conversions

## Conversions Part 2

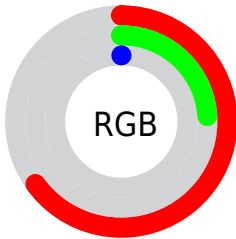
Format	Color
<a href="#">RYB</a>	166, 96, 0
Decimal	10894592
CIELab	40.32, 41.12, 51.48
CIELCh	40, 65.889, 51.384
Yxy	11.4445, 0.5773, 0.3798
Android (android.graphics.Color)	4289084672 (0xFFA63D00)
YUV	85.4410, -42.1224, 70.6502
Hunter-Lab	33.8297, 32.5796, 21.4161

# Details

The Hex color **A63D00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0069A6**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E47136**, and **6A0200** is the 20% darker color. If you saturate the color by 10%, you get **A63D00**, and if you desaturate by 10%, it is **A64811**.

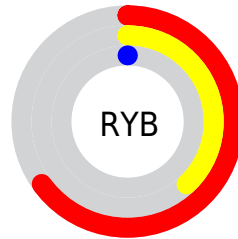
# Distribution



Red (65%)

Green (24%)

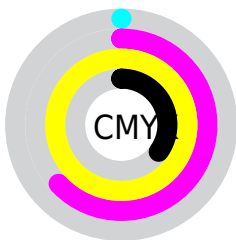
Blue (0%)



Red (65%)

Yellow (38%)

Blue (0%)

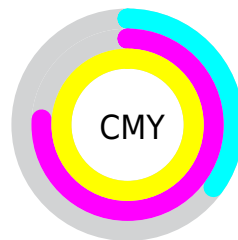


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63D00 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 A63D00 by changing the saturation by 10% instead.



 A63D00

 A63D00

 FFFFF1

 882300

 E47136

 6A0200

 FF8B4F

 4C0000

 FFA669

 330002

 FFC283

 000000

 FFDE9D

 FFFBB9

 FFFF5D

 A63D00

 A64811

 A65221

 A65D32

 A66742

 A67253

 A67C64

 A68674

 A69185

 A69B95

# Harmonies

## Analogous

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



BA193C



A63D00



815700

# Triad

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



A63D00



00754D



2958C5

# Complementary

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



A63D00



0069A6

# 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.



006BCB



A63D00



007685

# Square

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



A63D00



00710F



0073B3



8E3AA3

# Rectangle

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



A63D00



626300



0073B3



005FCA



# Sweetspot

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



A63D00



D9B098



A60069



6E5546



EDEDED



6E6E6E



# Same Dimension

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



A63D00



D95000



A69000



544F4C



943600



140700



# Inverse Universe

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



0069A6



0089D9



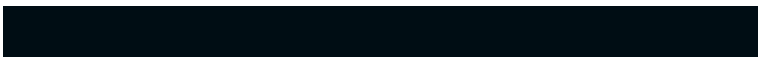
0016A6



4C5154



005E94



000D14



# Previews

## White Background



This preview shows how the Hex color A63D00 looks on a white background.

## Color Contrast Check

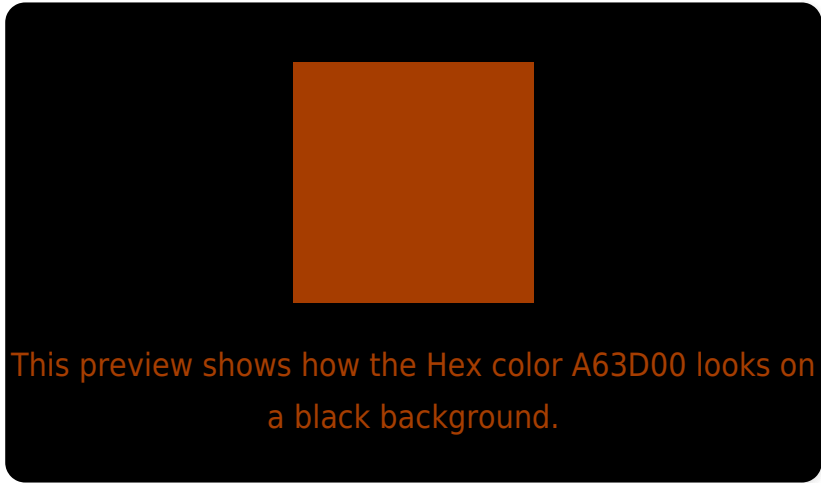
Large Text (above 18pt) WCAG AA ✓ Pass

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 A63D00 Background



This preview shows how black text looks on a background with the Hex color A63D00.



This preview shows how white text looks on a background with the Hex color A63D00.

# 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**  
A63D00

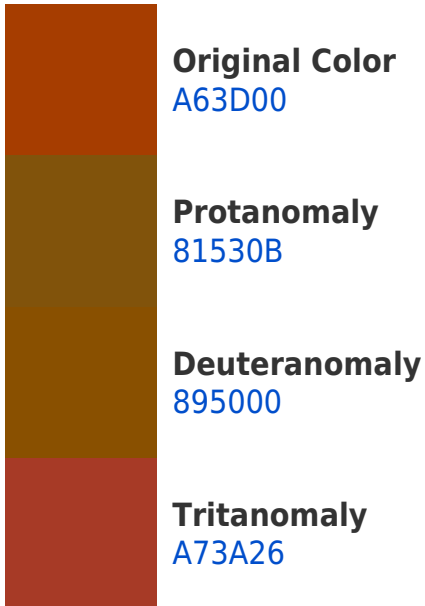
**Protanopia**  
6C6011

**Deuteranopia**  
795B00



**Tritanopia**  
A7393C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63D00 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 #A63D00 looks like.

```
.text, #text, p{  
    color:#A63D00  
}
```

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 #A63D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63D00
}
```

## Border

The CSS property to change the border of an element to Hex A63D00 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
#A63D00 }
```

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

```
.border{ border-color:#A63D00 }
```

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

Here you see how a box with a 4 pixel #A63D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63D00; -webkit-box-shadow:4px 4px  
4px 4px #A63D00; box-shadow:4px 4px 4px  
4px #A63D00 }
```

# Background

The CSS property to change the background color of an element to Hex A63D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63D00 }
```

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

```
.background{ background-color:#A63D00 }
```

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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