

# Converting Colors

Hex(A04647)

Have a look what the booklet for  
Hex(A04647) contains.

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**Color**

**Hex(A04647)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A04647
RGB	160, 70, 71
RGB Percent	63%, 27%, 28%
CMY	0.3725, 0.7255, 0.7216
CMYK	0.00, 0.56, 0.56, 0.37
HSL	359°, 39%, 45%
HSV	359°, 56%, 63%
XYZ	17.8247, 12.3088, 7.3976
YIQ	97.0240, 53.3190, 19.3910

# Conversions

## Conversions Part 2

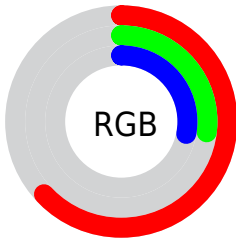
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 70, 71
Decimal	10503751
CIE Lab	41.70, 37.48, 17.88
CIE LCh	42, 41.524, 25.503
Yxy	12.3088, 0.4749, 0.3280
Android (android.graphics.Color)	4288693831 (0xFFA04647)
YUV	97.0240, -12.8298, 55.2300
Hunter-Lab	35.0839, 29.2915, 12.0572

# Details

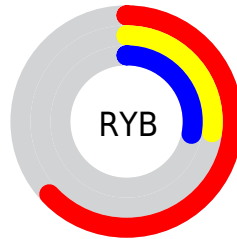
The Hex color **A04647** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **46A09F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **DA7977**, and **68121C** is the 20% darker color. If you saturate the color by 10%, you get **A03637**, and if you desaturate by 10%, it is **A05657**.

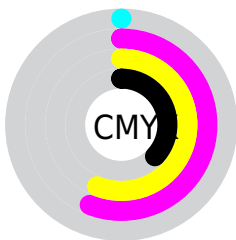
# Distribution



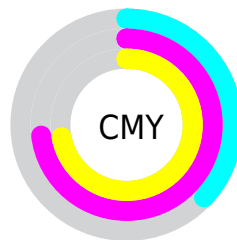
- Red (63%)
- Green (27%)
- Blue (28%)



- Red (63%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (37%)



- Cyan (37%)
- Magenta (73%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A04647 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 A04647 by changing the saturation by 10% instead.



 A04647

 A04647

FFFFFF

 842D31

 DA7977

 68121C

 F89491

 4D0002

 FFAFAC

 330001

 FFCBC7

 040000

 FFE8E3

 000000

 A04647

 A04647

 A03637

 A05657


 A02627

 A06667

 A01618

 A07676

 A00608

 A08686

 A00002

 A09696

 A0A6A6

 A0B6B6

 A0C6C6

 A0D6D5

# Harmonies

## Analogous

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



9D4469



A04647



92522A

# Triad

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



A04647



2B703A



0068A6

# Complementary

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



A04647



46A09F

# 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.



006F9A



A04647



00735C

# Square

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



A04647



586920



00737F



5A5BA0

# Rectangle

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



A04647



835B1D



00737F



006BA4



# Sweetspot

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



A04647



D1AEAE



9F46A0



695454



E8E8E8



696969



# Same Dimension

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



A04647



D14344



A07246



4F4747



8F0002



0F0000



# Inverse Universe

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



A04647



D14344



4674A0



4F4747



8F0002

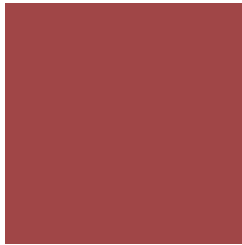


0F0000



# Previews

## White Background



This preview shows how the Hex color A04647 looks on a white background.

## Color Contrast Check

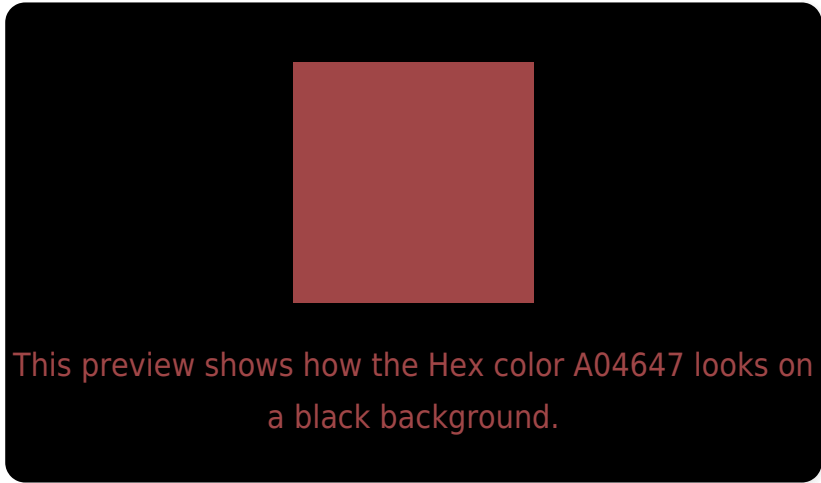
Large Text (above 18pt) WCAG AA ✓ Pass

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

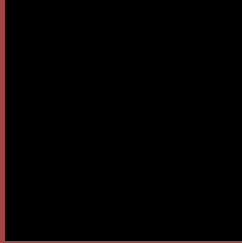
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A04647 Background



This preview shows how black text looks on a background with the Hex color A04647.



This preview shows how white text looks on a background with the Hex color A04647.

# 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**  
A04647

**Protanopia**  
686354

**Deuteranopia**  
775F43



**Tritanopia**  
A0464A

# Trichromacy



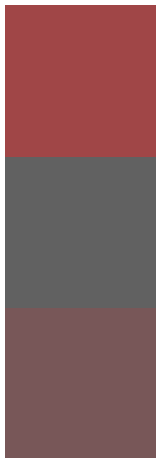
**Original Color**  
A04647

**Protanomaly**  
7C584F

**Deuteranomaly**  
865644

**Tritanomaly**  
A04649

# Monochromacy



**Original Color**  
A04647

**Achromatopsia**  
616161

**Achromatomaly**  
785758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A04647 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 #A04647 looks like.

```
.text, #text, p{  
    color:#A04647  
}
```

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 #A04647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A04647  
}
```

## Border

The CSS property to change the border of an element to Hex A04647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

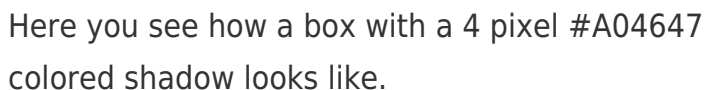
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A04647 }
```

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

```
.border{ border-color:#A04647 }
```

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



Here you see how a box with a 4 pixel `#A04647` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A04647; -webkit-box-shadow:4px 4px  
4px 4px #A04647; box-shadow:4px 4px 4px  
4px #A04647 }
```

# Background

The CSS property to change the background color of an element to Hex A04647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A04647 }
```

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

```
.background{ background-color:#A04647 }
```

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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