

# Converting Colors

Hex(A04768)

Have a look what the booklet for  
Hex(A04768) contains.

<b>Hex(A04768)</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(A04768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A04768
RGB	160, 71, 104
RGB Percent	63%, 28%, 41%
CMY	0.3725, 0.7216, 0.5922
CMYK	0.00, 0.56, 0.35, 0.37
HSL	338°, 39%, 45%
HSV	338°, 56%, 63%
XYZ	19.2491, 12.9795, 14.5875
YIQ	101.3730, 42.4510, 29.1310

# Conversions

## Conversions Part 2

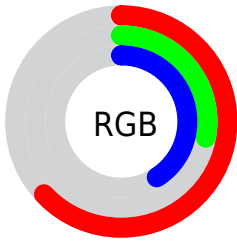
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 71, 104
Decimal	10504040
CIE <sub>Lab</sub>	42.73, 40.47, -1.08
CIE <sub>LCh</sub>	43, 40.483, 358.478
Yxy	12.9795, 0.4112, 0.2772
Android (android.graphics.Color)	4288694120 (0xFFA04768)
YUV	101.3730, 1.2951, 51.4159
Hunter-Lab	36.0271, 32.3243, 1.2123

# Details

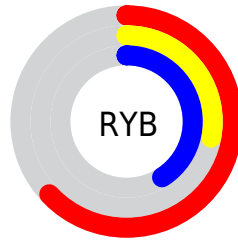
The Hex color **A04768** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47A07F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **D97B9B**, and **691239** is the 20% darker color. If you saturate the color by 10%, you get **A0375E**, and if you desaturate by 10%, it is **A05772**.

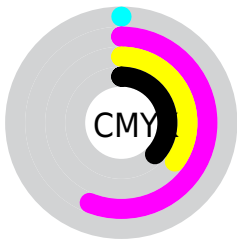
# Distribution



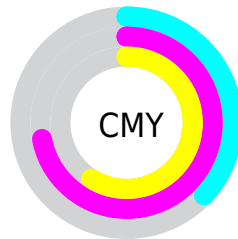
- Red (63%)
- Green (28%)
- Blue (41%)



- Red (63%)
- Yellow (28%)
- Blue (41%)



- Cyan (0%)
- Magenta (56%)
- Yellow (35%)
- Black (37%)



- Cyan (37%)
- Magenta (72%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A04768 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 A04768 by changing the saturation by 10% instead.



 A04768

 A04768

FFFFFF

 842D50

 D97B9B

 691239

 F796B6

 4E0024

 FFB1D1

 36000E

 FFCDEE

 140000

 FFEAFF

 000000

 A04768

 A04768

 A0375E

 A05772

 A02754

 A0677C

 A0174A

 A07786

 A00740

 A08790

 A0003B

 A0979A

 A0A7A4

 A0B7AE

 A0C7B9

 A0D7C3

# Harmonies

## Analogous

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



8C4F88



A04768



A14A47

# Triad

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



A04768



576C26



00719D

# Complementary

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



A04768



47A07F

# 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.



007584



A04768



2A7240

# Square

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



A04768



79631E



007562



0769A8

# Rectangle

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



A04768



995234



007562



007396



# Sweetspot

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



A04768



D1AEBB



7E47A0



69545B



E8E8E8



696969



# Same Dimension

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



A04768



D14579



A05147



4F474A



8F0035



0F0006



# Inverse Universe

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



A04768



D14579



4796A0



4F474A



8F0035

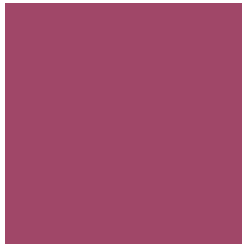


0F0006



# Previews

## White Background



This preview shows how the Hex color A04768 looks on a white background.

## Color Contrast Check

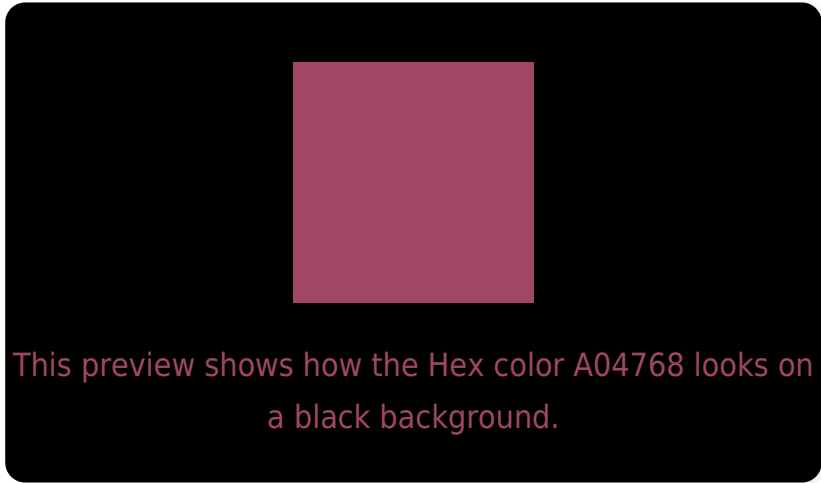
Large Text (above 18pt) WCAG AA ✓ Pass

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

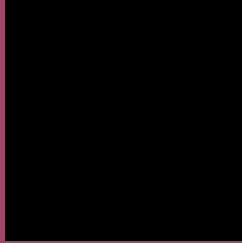
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A04768 Background



This preview shows how black text looks on a background with the Hex color A04768.



This preview shows how white text looks on a background with the Hex color A04768.

# 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





**Tritanopia**  
9E4C51

# Trichromacy



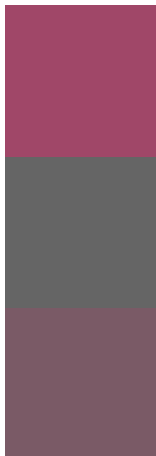
**Original Color**  
A04768

**Protanomaly**  
785A73

**Deuteranomaly**  
815865

**Tritanomaly**  
9F4A59

# Monochromacy



**Original Color**  
A04768

**Achromatopsia**  
656565

**Achromatomaly**  
7A5A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A04768 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 #A04768 looks like.

```
.text, #text, p{  
    color:#A04768  
}
```

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 #A04768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A04768
}
```

## Border

The CSS property to change the border of an element to Hex A04768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

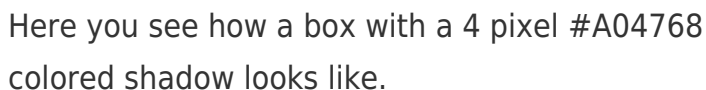
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A04768 }
```

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

```
.border{ border-color:#A04768 }
```

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



Here you see how a box with a 4 pixel `#A04768` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A04768; -webkit-box-shadow:4px 4px  
4px 4px #A04768; box-shadow:4px 4px 4px  
4px #A04768 }
```

# Background

The CSS property to change the background color of an element to Hex A04768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A04768 }
```

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

```
.background{ background-color:#A04768 }
```

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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