

# Converting Colors

Hex(A56781)

Have a look what the booklet for  
Hex(A56781) contains.

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**Color**

**Hex(A56781)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A56781
RGB	165, 103, 129
RGB Percent	65%, 40%, 51%
CMY	0.3529, 0.5961, 0.4941
CMYK	0.00, 0.38, 0.22, 0.35
HSL	335°, 26%, 53%
HSV	335°, 38%, 65%
XYZ	24.3297, 19.2848, 23.2089
YIQ	124.5020, 28.6060, 21.2300

# Conversions

## Conversions Part 2

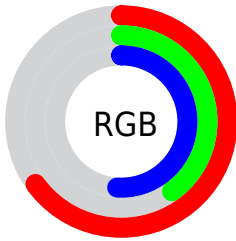
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 103, 129
Decimal	10839937
CIE <sub>Lab</sub>	51.02, 28.60, -3.92
CIE <sub>LCh</sub>	51, 28.864, 352.192
Yxy	19.2848, 0.3641, 0.2886
Android (android.graphics.Color)	4289030017 (0xFFA56781)
YUV	124.5020, 2.2175, 35.5167
Hunter-Lab	43.9145, 22.0433, -0.5948

# Details

The Hex color **A56781** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67A58B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **DD9BB6**, and **703650** is the 20% darker color. If you saturate the color by 10%, you get **A55677**, and if you desaturate by 10%, it is **A5778B**.

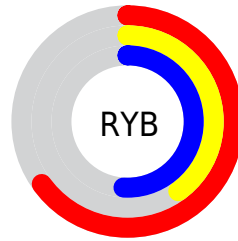
# Distribution



Red (65%)

Green (40%)

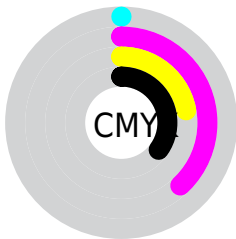
Blue (51%)



Red (65%)

Yellow (40%)

Blue (51%)

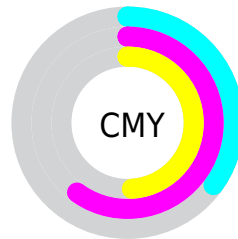


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A56781 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 A56781 by changing the saturation by 10% instead.





A56781



A56781

FFFFFF



8A4E68



DD9BB6



703650



FAB6D1



561F39



FFD2EE



3D0624



FFEFFF



29000E



000000



A56781



A56781



A55677



A5778B



A5466E



A58894

 A53564

 A5989E

 A5255B

 A5A9A7

 A51551

 A5BAB1

 A50448

 A5CABA

 A50045

 A5DAC4

 A5EBCE

 A5FBD7

# Harmonies

## Analogous

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



926D98



A56781



AA6768

# Triad

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



A56781



777E4B



2184A0

# Complementary

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



A56781



67A58B

# 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.



1A878B



A56781



5B835B

# Square

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



A56781



907649



3B8672



4B7EAA

# Rectangle

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



A56781



A66B5A



3B8672



17859A



# Sweetspot

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



A56781



D6BFC9



8A67A5



6B5D63



EBEBEB



6B6B6B



# Same Dimension

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



A56781



D6769E



A56B67



52494D



91003D



120007



# Inverse Universe

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



A56781



D6769E



67A1A5



52494D



91003D

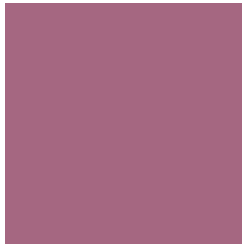


120007



# Previews

## White Background



This preview shows how the Hex color A56781 looks on a white background.

## Color Contrast Check

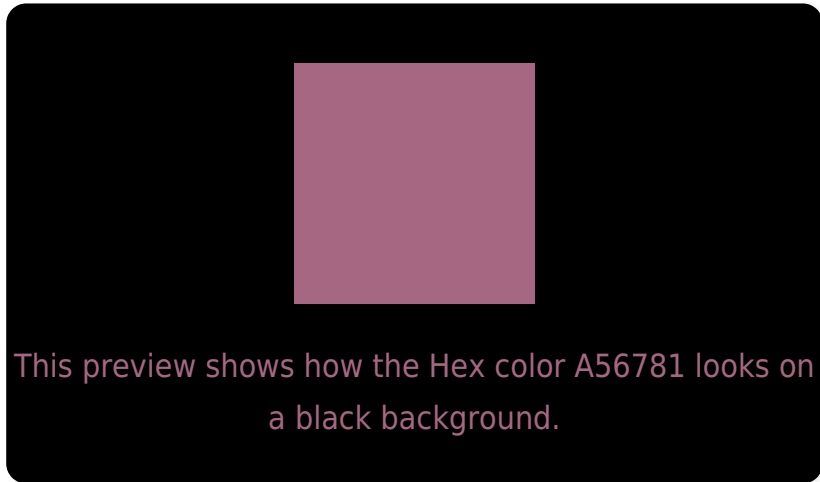
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A56781 Background



This preview shows how black text looks on a background with the Hex color A56781.



This preview shows how white text looks on a background with the Hex color A56781.

# 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**  
A36A72

# Trichromacy



**Original Color**  
A56781

**Protanomaly**  
887288

**Deuteranomaly**  
90717F

**Tritanomaly**  
A46977

# Monochromacy



**Original Color**  
A56781

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
8C757E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A56781 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 #A56781 looks like.

```
.text, #text, p{  
    color:#A56781  
}
```

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 #A56781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A56781
}
```

## Border

The CSS property to change the border of an element to Hex A56781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

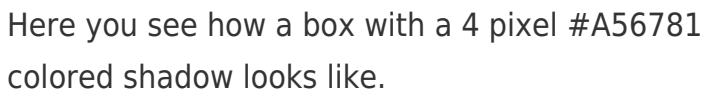
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A56781 }
```

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

```
.border{ border-color:#A56781 }
```

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



Here you see how a box with a 4 pixel #A56781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A56781; -webkit-box-shadow:4px 4px  
4px 4px #A56781; box-shadow:4px 4px 4px  
4px #A56781 }
```

# Background

The CSS property to change the background color of an element to Hex A56781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A56781 }
```

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

```
.background{ background-color:#A56781 }
```

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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