

# Converting Colors

Hex(A4765E)

Have a look what the booklet for  
Hex(A4765E) contains.

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**Color**

**Hex(A4765E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4765E
RGB	164, 118, 94
RGB Percent	64%, 46%, 37%
CMY	0.3569, 0.5373, 0.6314
CMYK	0.00, 0.28, 0.43, 0.36
HSL	21°, 28%, 51%
HSV	21°, 43%, 64%
XYZ	23.8087, 21.6575, 13.5151
YIQ	129.0180, 35.1200, 2.2880

# Conversions

## Conversions Part 2

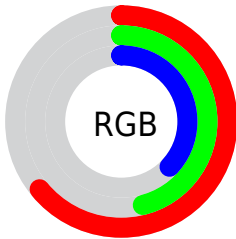
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 131, 94</a>
Decimal	<a href="#">10778206</a>
CIELab	<a href="#">53.66, 14.92, 20.34</a>
CIELCh	<a href="#">54, 25.226, 53.737</a>
Yxy	<a href="#">21.6575, 0.4037, 0.3672</a>
Android (android.graphics.Color)	<a href="#">4288968286</a> ( <a href="#">0xFFA4765E</a> )
YUV	<a href="#">129.0180, -17.2639, 30.6792</a>
Hunter-Lab	<a href="#">46.5377, 9.8797, 15.3578</a>

# Details

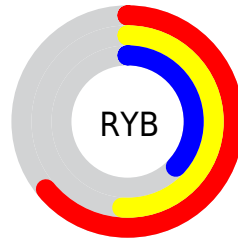
The Hex color **A4765E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5E8CA4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **DDAA91**, and **6E4530** is the 20% darker color. If you saturate the color by 10%, you get **A46B4E**, and if you desaturate by 10%, it is **A4816E**.

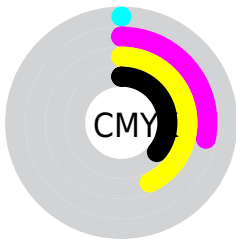
# Distribution



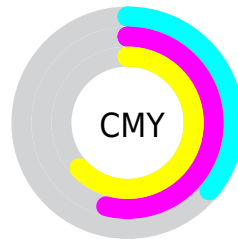
- Red (64%)
- Green (46%)
- Blue (37%)



- Red (64%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (43%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4765E 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 A4765E by changing the saturation by 10% instead.





A4765E



A4765E

FFFFFF



895D46



DDAA91



6E4530



FAC6AB



542F1A



FFE2C6



3C1901



FFFEE3



240100



000000



A4765E



A4765E



A46B4E



A4816E



A4603D



A48C7F

 A4562D

 A4968F

 A44B1C

 A4A1A0

 A4400C

 A4ACB0

 A43800

 A4B7C0

 A4C1D1

 A4CCE1

 A4D7F2

# Harmonies

## Analogous

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



AC7170



A4765E



947D55

# Triad

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



A4765E



4B8C7B



7D7CA8

# Complementary

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



A4765E



5E8CA4

# 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.



5D84AB



A4765E



3A8C91

# Square

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



A4765E



648966



4089A3



98759A

# Rectangle

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



A4765E



858256



4089A3



727FAA



# Sweetspot

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



A4765E



D6C4BA



A45E8D



6B605A



EBEBEB



6B6B6B



# Same Dimension

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



A4765E



D68E69



A4985E



524C49



913200



120600



# Inverse Universe

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



5E8CA4



69B1D6



5E6AA4



494F52



006091



000C12



# Previews

## White Background



This preview shows how the Hex color A4765E looks on a white background.

## Color Contrast Check

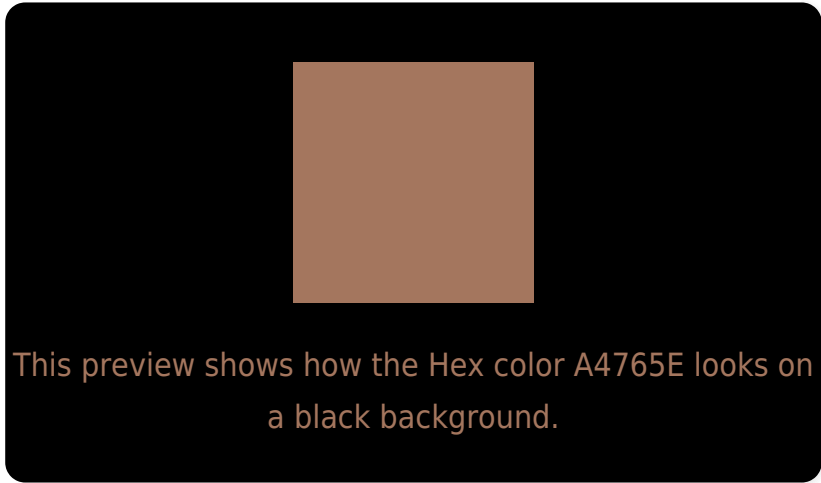
Large Text (above 18pt) WCAG AA ✓ Pass

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

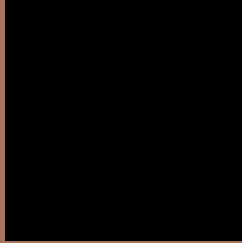
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A4765E Background



This preview shows how black text looks on a background with the Hex color A4765E.

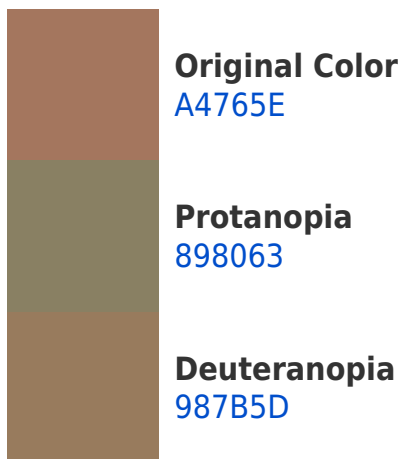


This preview shows how white text looks on a background with the Hex color A4765E.

# 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**  
A7727B

# Trichromacy



**Original Color**  
A4765E

**Protanomaly**  
937C61

**Deuteranomaly**  
9C795D

**Tritanomaly**  
A67370

# Monochromacy



**Original Color**  
A4765E

**Achromatopsia**  
818181

**Achromatomaly**  
8E7D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4765E 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 #A4765E looks like.

```
.text, #text, p{  
    color:#A4765E  
}
```

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 #A4765E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4765E
}
```

## Border

The CSS property to change the border of an element to Hex A4765E is called "border". The border property can be set on classes, ids or directly on the HTML element.

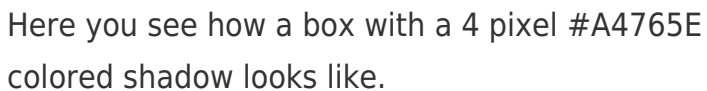
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4765E }
```

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

```
.border{ border-color:#A4765E }
```

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



Here you see how a box with a 4 pixel #A4765E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4765E; -webkit-box-shadow:4px 4px  
4px 4px #A4765E; box-shadow:4px 4px 4px  
4px #A4765E }
```

# Background

The CSS property to change the background color of an element to Hex A4765E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4765E }
```

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

```
.background{ background-color:#A4765E }
```

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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