

# Converting Colors

Hex(4A7556)

Have a look what the booklet for  
Hex(4A7556) contains.

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# Color

Hex(4A7556)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7556
RGB	74, 117, 86
RGB Percent	29%, 46%, 34%
CMY	0.7098, 0.5412, 0.6627
CMYK	0.37, 0.00, 0.26, 0.54
HSL	137°, 23%, 37%
HSV	137°, 37%, 46%
XYZ	10.8650, 14.8503, 11.0978
YIQ	100.6090, -15.6770, -18.7570

# Conversions

## Conversions Part 2

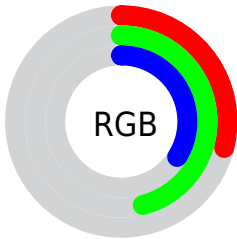
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 108, 117
Decimal	4879702
CIELab	45.43, -22.12, 12.49
CIELCh	45, 25.398, 150.549
Yxy	14.8503, 0.2951, 0.4034
Android (android.graphics.Color)	4283069782 (0xFF4A7556)
YUV	100.6090, -7.2022, -23.3361
Hunter-Lab	38.5361, -17.1111, 9.9006

# Details

The Hex color **4A7556** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **754A69**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7CA988**, and **1A4429** is the 20% darker color. If you saturate the color by 10%, you get **3E754E**, and if you desaturate by 10%, it is **56755E**.

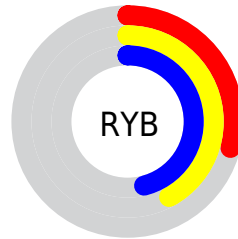
# Distribution



Red (29%)

Green (46%)

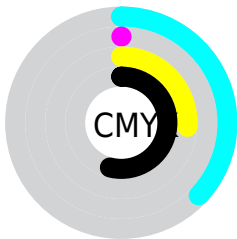
Blue (34%)



Red (29%)

Yellow (42%)

Blue (46%)

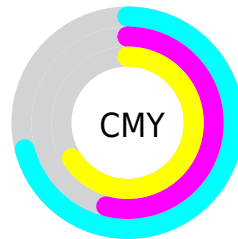


Cyan (37%)

Magenta (0%)

Yellow (26%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7556 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 4A7556 by changing the saturation by 10% instead.





4A7556



4A7556

FFFFFF



325C3F



7CA988



1A4429



97C5A2



012E14



B2E1BD



001B00



CEFED9



000000



EAFFF5



4A7556



4A7556



3E754E



56755E



337545



617567

■ 27753D

■ 6D756F

■ 1B7534

■ 797578

■ 0F752C

■ 847580

■ 047523

■ 907589

■ 007521

■ 9C7591

■ A87599

■ B375A2

# Harmonies

## Analogous

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



637146



4A7556



2F776B

# Triad

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



4A7556



4E6D96



945D57

# Complementary

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



4A7556



754A69

# 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.



935B6C



4A7556



6F6690

# Square

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



4A7556



2C7390



875F81



8B6347

# Rectangle

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



4A7556



1F777A



875F81



955C5E



# Sweetspot

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



4A7556



88998D



6A754A



434D45



CCCCCC



4D4D4D



# Same Dimension

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



4A7556



569968



4A756B



353B36



007A22



00FA46



# Inverse Universe

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



754A69



995686



754A54



3B3539



7A0058



FA00B4



# Previews

## White Background



This preview shows how the Hex color 4A7556 looks on a white background.

## Color Contrast Check

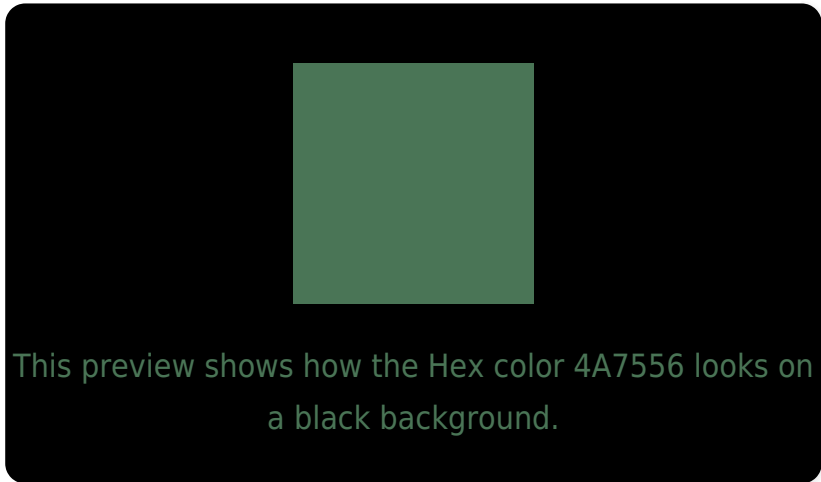
Large Text (above 18pt) WCAG AA ✓ Pass

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

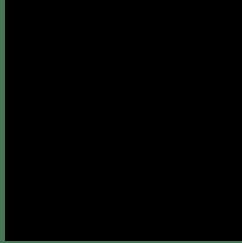
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A7556 Background



This preview shows how black text looks on a background with the Hex color 4A7556.



This preview shows how white text looks on a background with the Hex color 4A7556.

# 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**  
4A7556

**Protanopia**  
736B51

**Deuteranopia**  
7C6759



**Tritanopia**  
517079

# Trichromacy



**Original Color**  
4A7556

**Protanomaly**  
646F53

**Deuteranomaly**  
6A6C58

**Tritanomaly**  
4E726C

# Monochromacy



**Original Color**  
4A7556

**Achromatopsia**  
656565

**Achromatomaly**  
5B6B60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7556 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 #4A7556 looks like.

```
.text, #text, p{  
    color:#4A7556  
}
```

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 #4A7556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7556
}
```

## Border

The CSS property to change the border of an element to Hex 4A7556 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
#4A7556 }
```

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

```
.border{ border-color:#4A7556 }
```

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

Here you see how a box with a 4 pixel #4A7556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7556; -webkit-box-shadow:4px 4px  
4px 4px #4A7556; box-shadow:4px 4px 4px  
4px #4A7556 }
```

# Background

The CSS property to change the background color of an element to Hex 4A7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7556 }
```

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

```
.background{ background-color:#4A7556 }
```

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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