

# Converting Colors

Hex(4A6D56)

Have a look what the booklet for  
Hex(4A6D56) contains.

<b>Hex(4A6D56)</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(4A6D56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A6D56
RGB	74, 109, 86
RGB Percent	29%, 43%, 34%
CMY	0.7098, 0.5725, 0.6627
CMYK	0.32, 0.00, 0.21, 0.57
HSL	141°, 19%, 36%
HSV	141°, 32%, 43%
XYZ	9.9724, 13.0650, 10.8003
YIQ	95.9130, -13.4770, -14.5730

# Conversions

## Conversions Part 2

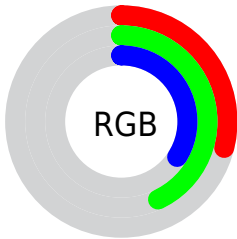
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 100, 109
Decimal	4877654
CIELab	42.86, -17.89, 8.90
CIELCh	43, 19.980, 153.536
Yxy	13.0650, 0.2947, 0.3861
Android (android.graphics.Color)	4283067734 (0xFF4A6D56)
YUV	95.9130, -4.8871, -19.2177
Hunter-Lab	36.1456, -14.0074, 7.5860

# Details

The Hex color **4A6D56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4A61**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7CA188**, and **1C3D29** is the 20% darker color. If you saturate the color by 10%, you get **3F6D4F**, and if you desaturate by 10%, it is **556D5D**.

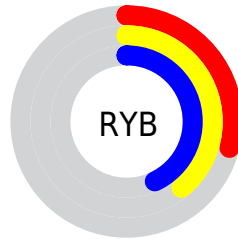
# Distribution



Red (29%)

Green (43%)

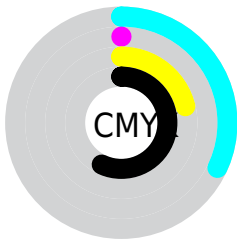
Blue (34%)



Red (29%)

Yellow (39%)

Blue (43%)

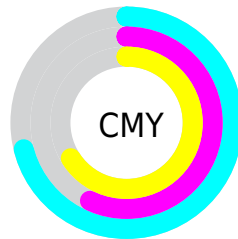


Cyan (32%)

Magenta (0%)

Yellow (21%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A6D56 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 4A6D56 by changing the saturation by 10% instead.





4A6D56



4A6D56

FFFFFF



32553F



7CA188



1C3D29



96BCA2



052714



B1D8BD



001200



CDF4D9



000000



E9FFF5



4A6D56



4A6D56



3F6D4F



556D5D



346D48



606D64

■ 296D41

■ 6B6D6B

■ 1E6D39

■ 766D73

■ 146D32

■ 816D7A

■ 096D2B

■ 8B6D81

■ 006D25

■ 966D88

■ A16D8F

■ AC6D96

# Harmonies

## Analogous

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



5D6A49



4A6D56



396E67

# Triad

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



4A6D56



536686



855B54

# Complementary

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



4A6D56



6D4A61

# 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.



855964



4A6D56



6A6081

# Square

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



4A6D56



3C6B82



7C5B74



7D5F48

# Rectangle

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



4A6D56



326E72



7C5B74



865A59



# Sweetspot

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



4A6D56



818F85



616D4A



3F4742



C7C7C7



474747



# Same Dimension

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



4A6D56



578F6A



4A6D67



303632



007528



00F554



# Inverse Universe

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



6D4A61



8F577C



6D4A50



363034



75004D



F500A1



# Previews

## White Background



This preview shows how the Hex color 4A6D56 looks on a white background.

## Color Contrast Check

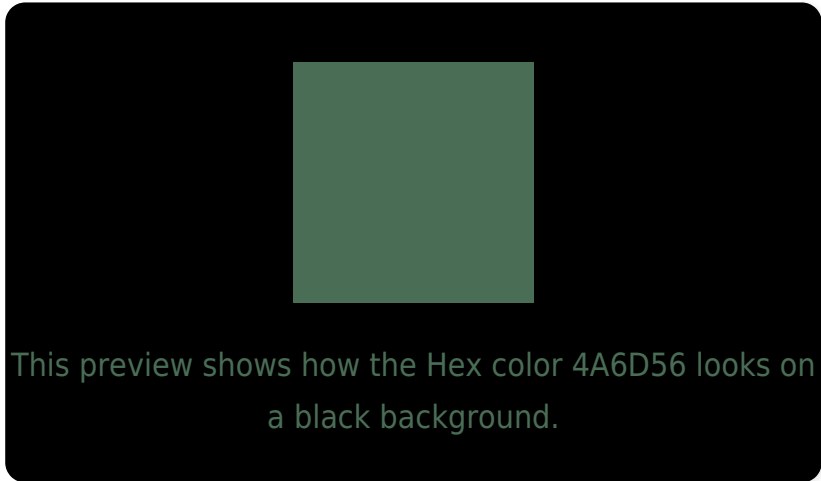
Large Text (above 18pt) WCAG AA ✓ Pass

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

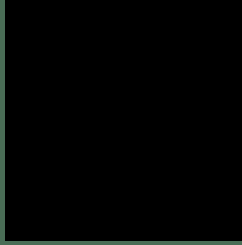
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A6D56 Background



This preview shows how black text looks on a background with the Hex color 4A6D56.

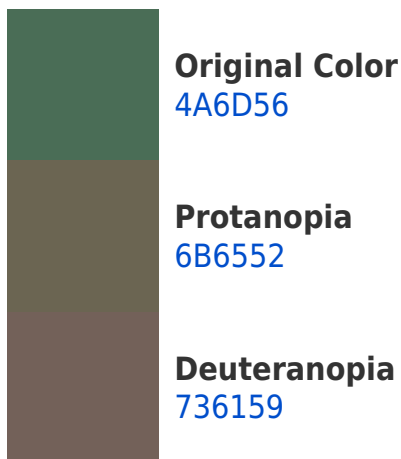



This preview shows how white text looks on a background with the Hex color 4A6D56.

# 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](#).

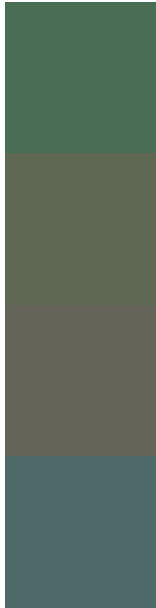
## Dichromacy





**Tritanopia**  
506972

# Trichromacy



**Original Color**  
4A6D56

**Protanomaly**  
5F6853

**Deuteranomaly**  
646558

**Tritanomaly**  
4E6A68

# Monochromacy



**Original Color**  
4A6D56

**Achromatopsia**  
606060

**Achromatomaly**  
58655C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A6D56 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 #4A6D56 looks like.

```
.text, #text, p{  
    color:#4A6D56  
}
```

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 #4A6D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6D56
}
```

## Border

The CSS property to change the border of an element to Hex 4A6D56 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
#4A6D56 }
```

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

```
.border{ border-color:#4A6D56 }
```

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

Here you see how a box with a 4 pixel #4A6D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6D56; -webkit-box-shadow:4px 4px  
4px 4px #4A6D56; box-shadow:4px 4px 4px  
4px #4A6D56 }
```

# Background

The CSS property to change the background color of an element to Hex 4A6D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6D56 }
```

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

```
.background{ background-color:#4A6D56 }
```

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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