

# Converting Colors

Hex(4B6767)

Have a look what the booklet for  
Hex(4B6767) contains.

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# Color

**Hex(4B6767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B6767
RGB	75, 103, 103
RGB Percent	29%, 40%, 40%
CMY	0.7059, 0.5961, 0.5961
CMYK	0.27, 0.00, 0.00, 0.60
HSL	180°, 16%, 35%
HSV	180°, 27%, 40%
XYZ	10.2001, 12.1756, 14.6445
YIQ	94.6280, -16.6880, -5.9360

# Conversions

## Conversions Part 2

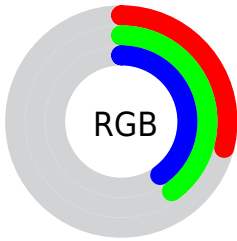
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 89, 103
Decimal	4941671
CIE <sub>Lab</sub>	41.49, -10.21, -3.34
CIE <sub>LCh</sub>	41, 10.745, 198.130
Yxy	12.1756, 0.2755, 0.3289
Android (android.graphics.Color)	4283131751 (0xFF4B6767)
YUV	94.6280, 4.1274, -17.2138
Hunter-Lab	34.8936, -8.8847, -0.4579

# Details

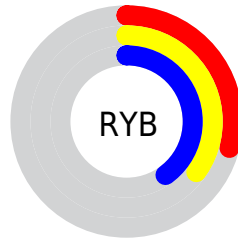
The Hex color **4B6767** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **674B4B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7D9A9A**, and **1D3838** is the 20% darker color. If you saturate the color by 10%, you get **416767**, and if you desaturate by 10%, it is **556767**.

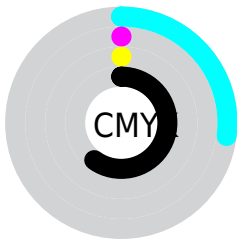
# Distribution



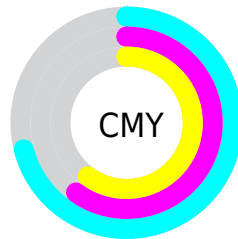
- Red (29%)
- Green (40%)
- Blue (40%)



- Red (29%)
- Yellow (35%)
- Blue (40%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6767 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 4B6767 by changing the saturation by 10% instead.





4B6767



4B6767

FFFFFF



344F4F



7D9A9A



1D3838



97B5B5



062223



B2D1D0



000B0D



CDEDED



000000



EAffff



4B6767



4B6767



416767



556767



366767



606767

■ 2C6767

■ 6A6767

■ 226767

■ 746767

■ 186767

■ 7F6767

■ 0D6767

■ 896767

■ 036767

■ 936767

■ 006767

■ 9D6767

■ A86767

# Harmonies

## Analogous

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



50675E



4B6767



4C666F

# Triad

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



4B6767



6A5E6E



6C6051

# Complementary

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



4B6767



674B4B

# 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.



735D55



4B6767



725C66

# Square

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



4B6767



5F6173



755C5D



636351

# Rectangle

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



4B6767



516572



755C5D



6F5F52



# Sweetspot

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



4B6767



7C8787



4B674B



3E4545



C4C4C4



454545



# Same Dimension

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



4B6767



5B8787



4B5967



2E3333



007373



00F2F2



# Inverse Universe

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



674B67



875B87



67594B



332E33



730073



F200F2



# Previews

## White Background



This preview shows how the Hex color 4B6767 looks on a white background.

## Color Contrast Check

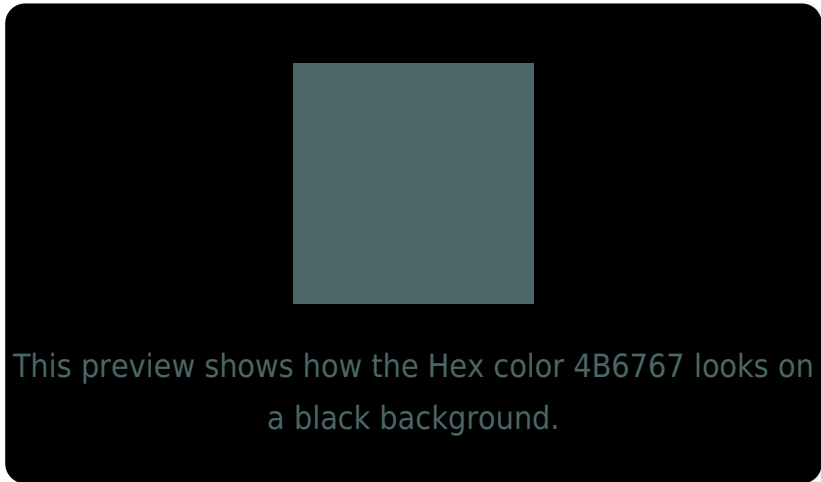
Large Text (above 18pt) WCAG AA ✓ Pass

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

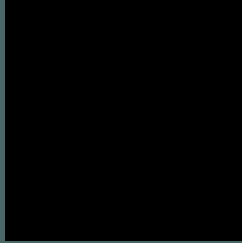
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B6767 Background



This preview shows how black text looks on a background with the Hex color 4B6767.



This preview shows how white text looks on a background with the Hex color 4B6767.

# 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**  
4B6767

**Protanopia**  
636163

**Deuteranopia**  
685F69



**Tritanopia**  
4D666E

# Trichromacy



**Original Color**  
4B6767

**Protanomaly**  
5A6364

**Deuteranomaly**  
5D6268

**Tritanomaly**  
4C666B

# Monochromacy



**Original Color**  
4B6767

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
586262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6767 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 #4B6767 looks like.

```
.text, #text, p{  
    color:#4B6767  
}
```

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 #4B6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6767
}
```

## Border

The CSS property to change the border of an element to Hex 4B6767 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
#4B6767 }
```

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

```
.border{ border-color:#4B6767 }
```

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

Here you see how a box with a 4 pixel #4B6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6767; -webkit-box-shadow:4px 4px  
4px 4px #4B6767; box-shadow:4px 4px 4px  
4px #4B6767 }
```

# Background

The CSS property to change the background color of an element to Hex 4B6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6767 }
```

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

```
.background{ background-color:#4B6767 }
```

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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