

# Converting Colors

Hex(4B6E5D)

Have a look what the booklet for  
Hex(4B6E5D) contains.

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# Color

**Hex(4B6E5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B6E5D
RGB	75, 110, 93
RGB Percent	29%, 43%, 36%
CMY	0.7059, 0.5686, 0.6353
CMYK	0.32, 0.00, 0.15, 0.57
HSL	151°, 19%, 36%
HSV	151°, 32%, 43%
XYZ	10.4534, 13.4380, 12.3988
YIQ	97.5970, -15.4030, -12.7070

# Conversions

## Conversions Part 2

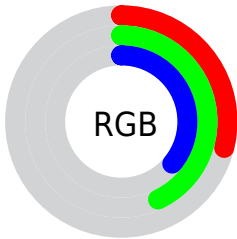
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 98, 110
Decimal	4943453
CIELab	43.42, -16.55, 5.50
CIElCh	43, 17.437, 161.609
Yxy	13.4380, 0.2880, 0.3703
Android (android.graphics.Color)	4283133533 (0xFF4B6E5D)
YUV	97.5970, -2.2663, -19.8176
Hunter-Lab	36.6579, -13.2503, 5.6069

# Details

The Hex color **4B6E5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4B5C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7DA28F**, and **1D3E2F** is the 20% darker color. If you saturate the color by 10%, you get **406E58**, and if you desaturate by 10%, it is **566E62**.

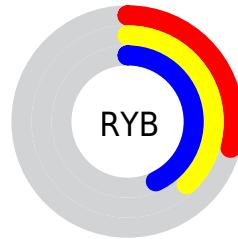
# Distribution



Red (29%)

Green (43%)

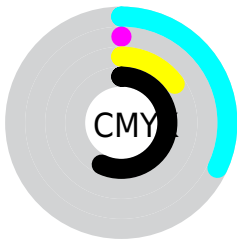
Blue (36%)



Red (29%)

Yellow (38%)

Blue (43%)

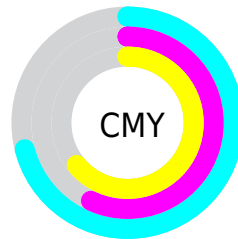


Cyan (32%)

Magenta (0%)

Yellow (15%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6E5D 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 4B6E5D by changing the saturation by 10% instead.





4B6E5D



4B6E5D

FFFFFF



335645



7DA28F



1D3E2F



97BDAA



06281A



B2D9C5



001400



CEF5E1



000000



EAFFFE



4B6E5D



4B6E5D



406E58



566E62



356E52



616E68

 2A6E4D

 6C6E6D

 1F6E48

 776E72

 146E42

 826E78

 096E3D

 8D6E7D

 006E39

 986E82

 A36E88

 AE6E8D

# Harmonies

## Analogous

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



5B6B51



4B6E5D



3F6F6C

# Triad

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



4B6E5D



5D6683



825E54

# Complementary

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



4B6E5D



6E4B5C

# 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.



845C61



4B6E5D



70617C

# Square

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



4B6E5D



496B82



7E5D70



79634C

# Rectangle

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



4B6E5D



3C6E75



7E5D70



835D58



# Sweetspot

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



4B6E5D



818F88



5D6E4B



3F4743



C7C7C7



474747



# Same Dimension

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



4B6E5D



598F74



4B6E6E



323835



00783E



00F77F



# Inverse Universe

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



6E4B5C



8F5973



6E4B4B



383235



78003A



F70078



# Previews

## White Background



This preview shows how the Hex color 4B6E5D looks on a white background.

## Color Contrast Check

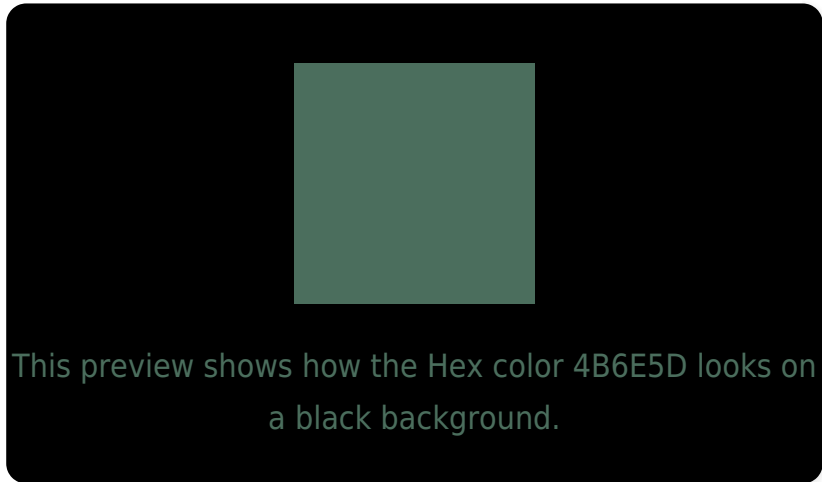
Large Text (above 18pt) WCAG AA ✓ Pass

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

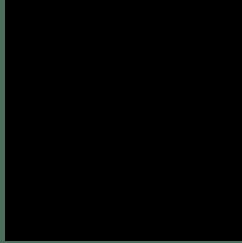
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B6E5D Background



This preview shows how black text looks on a background with the Hex color 4B6E5D.

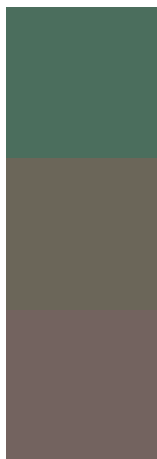


This preview shows how white text looks on a background with the Hex color 4B6E5D.

# 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**  
4B6E5D

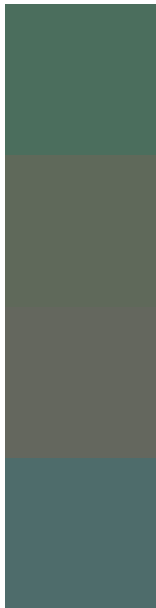
**Protanopia**  
6B6659

**Deuteranopia**  
73635F



**Tritanopia**  
506B73

# Trichromacy



**Original Color**  
4B6E5D

**Protanomaly**  
5F695A

**Deuteranomaly**  
64675E

**Tritanomaly**  
4E6C6B

# Monochromacy



**Original Color**  
4B6E5D

**Achromatopsia**  
626262

**Achromatomaly**  
5A6660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6E5D 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 #4B6E5D looks like.

```
.text, #text, p{  
    color:#4B6E5D  
}
```

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 #4B6E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6E5D
}
```

## Border

The CSS property to change the border of an element to Hex 4B6E5D 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
#4B6E5D }
```

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

```
.border{ border-color:#4B6E5D }
```

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

Here you see how a box with a 4 pixel #4B6E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6E5D; -webkit-box-shadow:4px 4px  
4px 4px #4B6E5D; box-shadow:4px 4px 4px  
4px #4B6E5D }
```

# Background

The CSS property to change the background color of an element to Hex 4B6E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6E5D }
```

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

```
.background{ background-color:#4B6E5D }
```

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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