

Converting Colors

Hex(4B6154)

Have a look what the booklet for
Hex(4B6154) contains.

Hex(4B6154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B6154)

Conversions

Conversions Part 1

Format	Color
Hex	4B6154
RGB	75, 97, 84
RGB Percent	29%, 38%, 33%
CMY	0.7059, 0.6196, 0.6706
CMYK	0.23, 0.00, 0.13, 0.62
HSL	145°, 13%, 34%
HSV	145°, 23%, 38%
XYZ	8.7766, 10.6853, 9.9874
YIQ	88.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

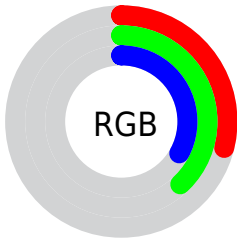
Format	Color
RYB	75, 91, 97
Decimal	4940116
CIELab	39.05, -11.27, 4.71
CIELCh	39, 12.213, 157.325
Yxy	10.6853, 0.2980, 0.3628
Android (android.graphics.Color)	4283130196 (0xFF4B6154)
YUV	88.9400, -2.4354, -12.2254
Hunter-Lab	32.6884, -9.2790, 4.7668

Details

The Hex color **4B6154** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614B58**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7C9486**, and **1E3327** is the 20% darker color. If you saturate the color by 10%, you get **41614E**, and if you desaturate by 10%, it is **55615A**.

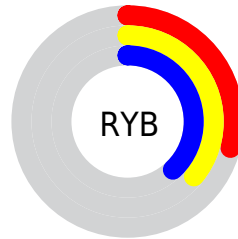
Distribution



Red (29%)

Green (38%)

Blue (33%)



Red (29%)

Yellow (36%)

Blue (38%)

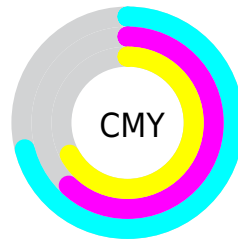


Cyan (23%)

Magenta (0%)

Yellow (13%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6154 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 4B6154 by changing the saturation by 10% instead.



4B6154



4B6154

FFFFFF



34493D



7C9486



1E3327



96AEA0



091E13



B1CABB



000000



CCE6D6



E9FFF3



4B6154



4B6154



41614E



55615A



386149



5E615F

■ 2E6143

■ 686165

■ 24613D

■ 72616B

■ 1B6137

■ 7C6171

■ 116132

■ 856176

■ 07612C

■ 8F617C

■ 006128

■ 996182

■ A26188

Harmonies

Analogous

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



565F4C



4B6154



43625E

Triad

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



4B6154



545C6F



705650

Complementary

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



4B6154



614B58

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.



70555A



4B6154



61596C

Square

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



4B6154



485F6E



6B5664



6A594A

Rectangle

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



4B6154



416165



6B5664



715553

Sweetspot

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



4B6154



747D78



58614B



3B403D



BFBFBF



404040

Same Dimension

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



4B6154



5B7D69



4B615F



2C302E



00702E



00F062

Inverse Universe

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



614B58



7D5B6F



614B4D



302C2E



700042



F0008E

Previews

White Background



This preview shows how the Hex color 4B6154 looks on a white background.

Color Contrast Check

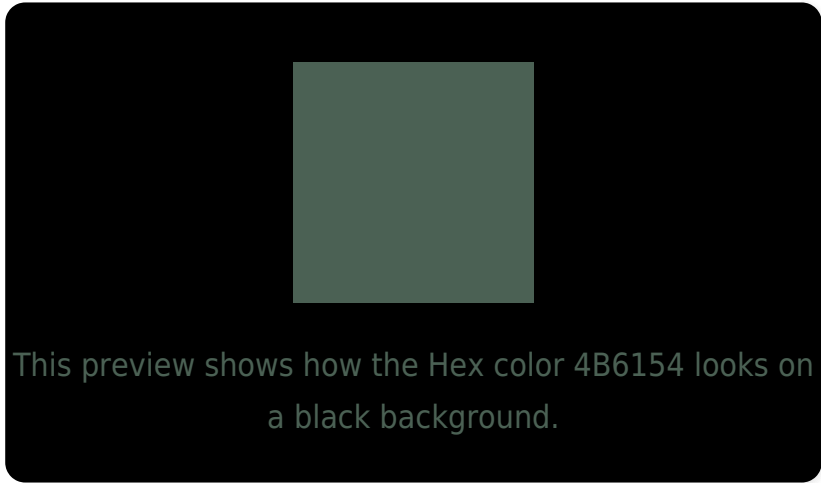
Large Text (above 18pt) WCAG AA ✓ Pass

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

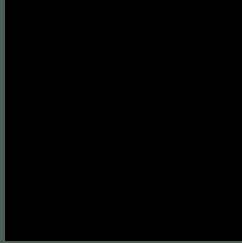
Any Text WCAG AA × Fail

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 4B6154 Background



This preview shows how black text looks on a background with the Hex color 4B6154.

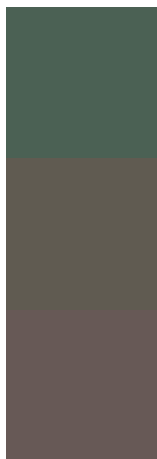


This preview shows how white text looks on a background with the Hex color 4B6154.

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](#).

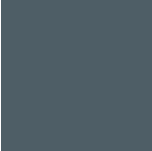
Dichromacy



Original Color
4B6154

Protanopia
605B51

Deuteranopia
675956



Tritanopia
4E5E66

Trichromacy



Original Color
4B6154

Protanomaly
585D52

Deuteranomaly
5D5C55

Tritanomaly
4D5F5F

Monochromacy



Original Color
4B6154

Achromatopsia
595959

Achromatomaly
545C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6154 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 #4B6154 looks like.

```
.text, #text, p{  
    color:#4B6154  
}
```

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 #4B6154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6154
}
```

Border

The CSS property to change the border of an element to Hex 4B6154 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
#4B6154 }
```

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

```
.border{ border-color:#4B6154 }
```

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

Here you see how a box with a 4 pixel #4B6154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6154; -webkit-box-shadow:4px 4px  
4px 4px #4B6154; box-shadow:4px 4px 4px  
4px #4B6154 }
```

Background

The CSS property to change the background color of an element to Hex 4B6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6154 }
```

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

```
.background{ background-color:#4B6154 }
```

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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