

Converting Colors

Hex(4B5F62)

Have a look what the booklet for
Hex(4B5F62) contains.

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Color

Hex(4B5F62)

Conversions

Conversions Part 1

Format	Color
Hex	4B5F62
RGB	75, 95, 98
RGB Percent	29%, 37%, 38%
CMY	0.7059, 0.6275, 0.6157
CMYK	0.23, 0.03, 0.00, 0.62
HSL	188°, 13%, 34%
HSV	188°, 23%, 38%
XYZ	9.1985, 10.5621, 13.1092
YIQ	89.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

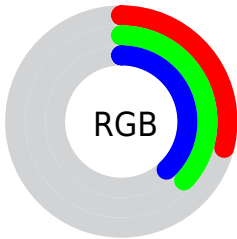
Format	Color
R_{YB}	75, 86, 98
Decimal	4939618
CIE _{Lab}	38.83, -6.79, -4.22
CIE _{LCh}	39, 7.993, 211.849
Yxy	10.5621, 0.2798, 0.3213
Android (android.graphics.Color)	4283129698 (0xFF4B5F62)
YUV	89.3620, 4.2585, -12.5955
Hunter-Lab	32.4994, -6.3522, -1.1660

Details

The Hex color **4B5F62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **624E4B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7C9195**, and **1E3134** is the 20% darker color. If you saturate the color by 10%, you get **415E62**, and if you desaturate by 10%, it is **556062**.

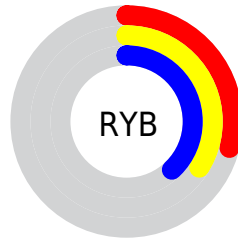
Distribution



Red (29%)

Green (37%)

Blue (38%)



Red (29%)

Yellow (34%)

Blue (38%)

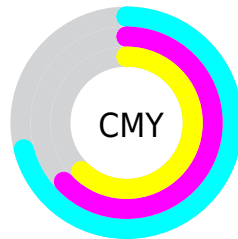


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5F62 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 4B5F62 by changing the saturation by 10% instead.

■ 4B5F62

■ 4B5F62

FFFFFF

■ 34474A

■ 7C9195

■ 1E3134

■ 96ACAF

■ 091C1F

■ B1C7CB

■ 000005

■ CDE3E7

■ 000000

■ E9FFFF

■ 4B5F62

■ 4B5F62

■ 415E62

■ 556062

■ 375C62

■ 5F6262

■ 2E5B62

■ 686362

■ 245A62

■ 726462

■ 1A5962

■ 7C6562

■ 105762

■ 866762

■ 065662

■ 906862

■ 005562

■ 996962

■ A36B62

Harmonies

Analogous

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



4D5F5C



4B5F62



4E5E67

Triad

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



4B5F62



645862



605B4F

Complementary

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



4B5F62



624E4B

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.



665950



4B5F62



69575B

Square

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



4B5F62



5D5A66



695755



595D50

Rectangle

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



4B5F62



525D68



695755



635A4F

Sweetspot

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



4B5F62



777E80



4B624E



3B3F40



BFBFBF



404040

Same Dimension

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



4B5F62



5C7B80



4B5462



2C3030



006270



00D0F0

Inverse Universe

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



624B5F



805C7B



62594B



302C30



700062



F000D0

Previews

White Background



This preview shows how the Hex color 4B5F62 looks on a white background.

Color Contrast Check

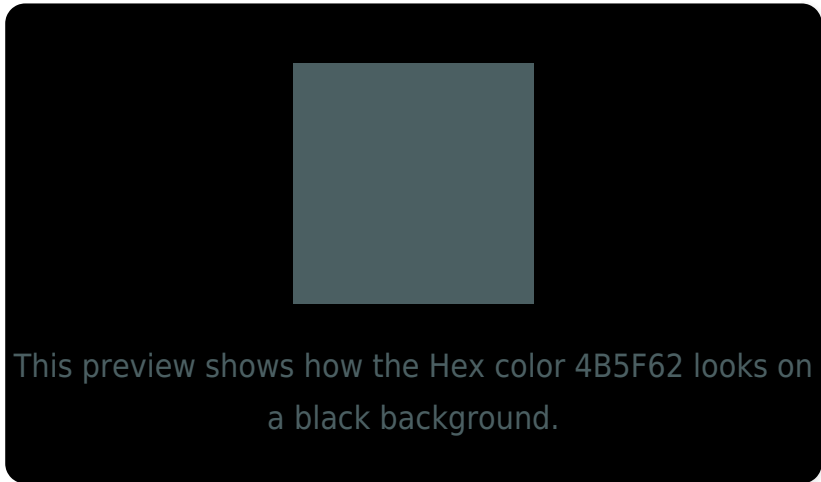
Large Text (above 18pt) WCAG AA ✓ Pass

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

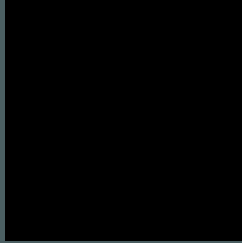
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

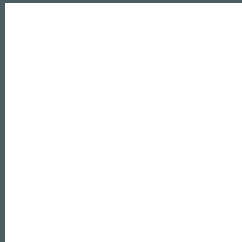
Any Text WCAG AAA × Fail

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

Hex 4B5F62 Background



This preview shows how black text looks on a background with the Hex color 4B5F62.



This preview shows how white text looks on a background with the Hex color 4B5F62.

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](#).

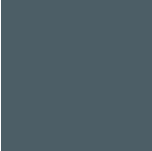
Dichromacy



Original Color
4B5F62

Protanopia
5C5B5F

Deuteranopia
605963



Tritanopia
4C5E66

Trichromacy



Original Color

4B5F62

Protanomaly

565C60

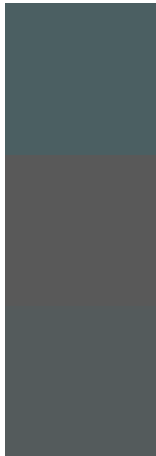
Deuteranomaly

585B63

Tritanomaly

4C5E65

Monochromacy



Original Color

4B5F62

Achromatopsia

595959

Achromatomaly

545B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5F62 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 #4B5F62 looks like.

```
.text, #text, p{  
    color:#4B5F62  
}
```

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 #4B5F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5F62
}
```

Border

The CSS property to change the border of an element to Hex 4B5F62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

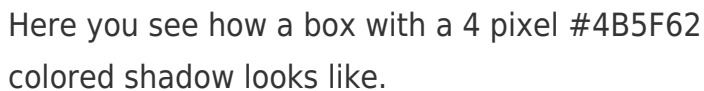
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5F62 }
```

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

```
.border{ border-color:#4B5F62 }
```

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



Here you see how a box with a 4 pixel #4B5F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5F62; -webkit-box-shadow:4px 4px  
4px 4px #4B5F62; box-shadow:4px 4px 4px  
4px #4B5F62 }
```

Background

The CSS property to change the background color of an element to Hex 4B5F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5F62 }
```

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

```
.background{ background-color:#4B5F62 }
```

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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