

Converting Colors

Hex(4B5467)

Have a look what the booklet for
Hex(4B5467) contains.

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Color

Hex(4B5467)

Conversions

Conversions Part 1

Format	Color
Hex	4B5467
RGB	75, 84, 103
RGB Percent	29%, 33%, 40%
CMY	0.7059, 0.6706, 0.5961
CMYK	0.27, 0.18, 0.00, 0.60
HSL	221°, 16%, 35%
HSV	221°, 27%, 40%
XYZ	8.5202, 8.8158, 14.0845
YIQ	83.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

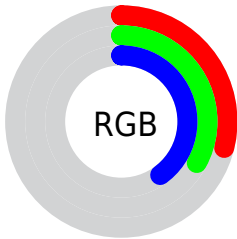
Format	Color
R_{YB}	75, 82, 103
Decimal	4936807
CIE _{Lab}	35.63, 1.24, -12.14
CIE _{LCh}	36, 12.199, 275.841
Yxy	8.8158, 0.2712, 0.2806
Android (android.graphics.Color)	4283126887 (0xFF4B5467)
YUV	83.4750, 9.6258, -7.4326
Hunter-Lab	29.6914, -0.7380, -7.3411

Details

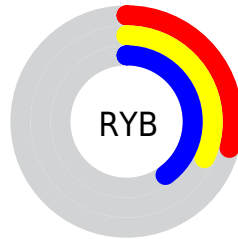
The Hex color **4B5467** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675E4B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7C859A**, and **1E2738** is the 20% darker color. If you saturate the color by 10%, you get **414D67**, and if you desaturate by 10%, it is **555B67**.

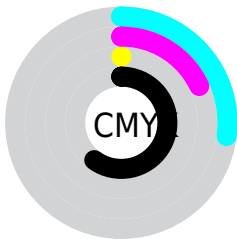
Distribution



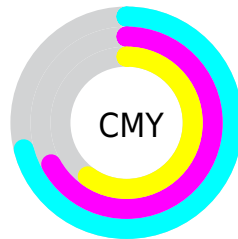
- Red (29%)
- Green (33%)
- Blue (40%)



- Red (29%)
- Yellow (32%)
- Blue (40%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5467 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 4B5467 by changing the saturation by 10% instead.



4B5467



4B5467

FFFFFF



343D4F



7C859A



1E2738



96A0B5



081323



B1BBD0



00000B



CDD6ED



000000



E9F3FF



4B5467



4B5467



414D67



555B67



364667



606267

■ 2C3F67

■ 6A6967

■ 223867

■ 747067

■ 183167

■ 7F7767

■ 0D2A67

■ 897E67

■ 032367

■ 938567

■ 002167

■ 9D8C67

■ A89367

Harmonies

Analogous

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



3F5765



4B5467



585164

Triad

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



4B5467



674E49



44594C

Complementary

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



4B5467



675E4B

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.



4E5744



4B5467



625142

Square

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



4B5467



674D52



595440



3B5955

Rectangle

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



4B5467



5F4F5F



595440



475849

Sweetspot

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



4B5467



7C8087



4B675E



3E4045



C4C4C4



454545

Same Dimension

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



4B5467



5B6987



504B67



2E3033



002573



004EF2

Inverse Universe

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



674B54



875B69



62674B



332E30



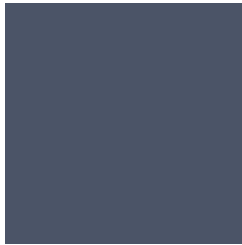
730025



F2004E

Previews

White Background



This preview shows how the Hex color 4B5467 looks on a white background.

Color Contrast Check

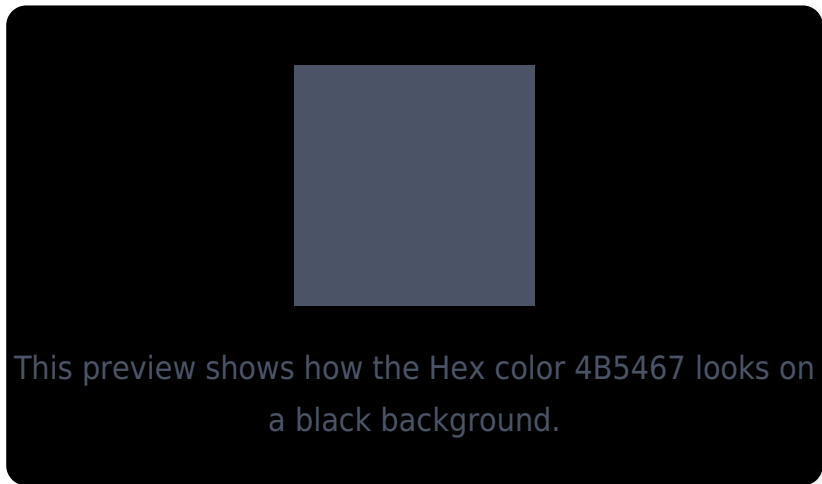
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

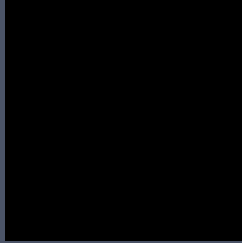
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

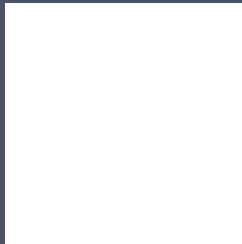
Any Text WCAG AAA × Fail

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

Hex 4B5467 Background



This preview shows how black text looks on a background with the Hex color 4B5467.

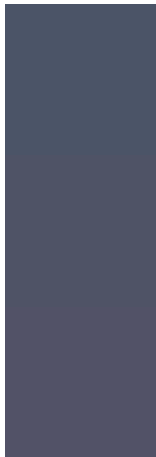


This preview shows how white text looks on a background with the Hex color 4B5467.

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](#).

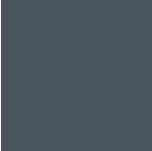
Dichromacy



Original Color
4B5467

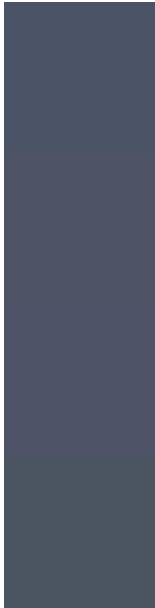
Protanopia
4F5366

Deuteranopia
525267



Tritanopia
49565D

Trichromacy



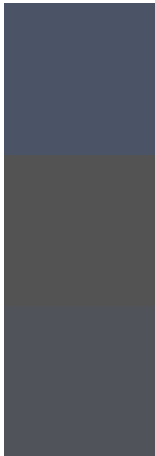
Original Color
4B5467

Protanomaly
4E5366

Deuteranomaly
4F5367

Tritanomaly
4A5561

Monochromacy



Original Color
4B5467

Achromatopsia
535353

Achromatomaly
50535A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5467 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 #4B5467 looks like.

```
.text, #text, p{  
    color:#4B5467  
}
```

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 #4B5467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5467  
}
```

Border

The CSS property to change the border of an element to Hex 4B5467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

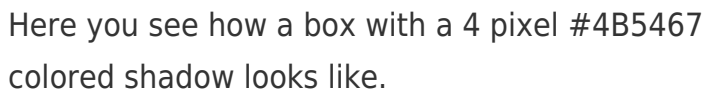
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B5467 }
```

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

```
.border{ border-color:#4B5467 }
```

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



Here you see how a box with a 4 pixel #4B5467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5467; -webkit-box-shadow:4px 4px  
4px 4px #4B5467; box-shadow:4px 4px 4px  
4px #4B5467 }
```

Background

The CSS property to change the background color of an element to Hex 4B5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5467 }
```

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

```
.background{ background-color:#4B5467 }
```

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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