

# Converting Colors

Hex(4B4F51)

Have a look what the booklet for  
Hex(4B4F51) contains.

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# Color

**Hex(4B4F51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B4F51
RGB	75, 79, 81
RGB Percent	29%, 31%, 32%
CMY	0.7059, 0.6902, 0.6824
CMYK	0.07, 0.02, 0.00, 0.68
HSL	200°, 4%, 31%
HSV	200°, 7%, 32%
XYZ	7.1828, 7.6819, 8.8888
YIQ	78.0320, -3.0260, -0.2260

# Conversions

## Conversions Part 2

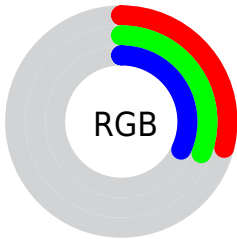
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 77, 81
Decimal	4935505
CIE Lab	33.31, -1.16, -1.74
CIE LCh	33, 2.090, 236.397
Yxy	7.6819, 0.3024, 0.3234
Android (android.graphics.Color)	4283125585 (0xFF4B4F51)
YUV	78.0320, 1.4632, -2.6591
Hunter-Lab	27.7162, -2.2440, 0.3867

# Details

The Hex color **4B4F51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **514D4B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7C8082**, and **1F2325** is the 20% darker color. If you saturate the color by 10%, you get **434C51**, and if you desaturate by 10%, it is **535251**.

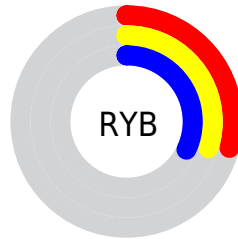
# Distribution



Red (29%)

Green (31%)

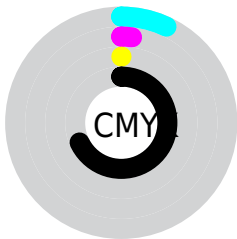
Blue (32%)



Red (29%)

Yellow (30%)

Blue (32%)

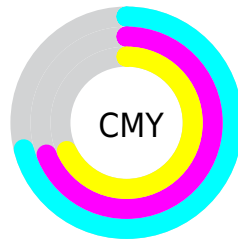


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (68%)



Cyan (71%)

Magenta (69%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4F51 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 4B4F51 by changing the saturation by 10% instead.





4B4F51



4B4F51

FFFFFF



34383A



7C8082



1F2325



969A9C



070D0F



B0B5B7



000000



CCD0D3



E8EDEF



4B4F51



4B4F51



434C51



535251



3B4A51



5B5451

■ 334751

■ 635751

■ 2B4451

■ 6B5A51

■ 234251

■ 745C51

■ 1A3F51

■ 7C5F51

■ 123C51

■ 846251

■ 0A3951

■ 8C6551

■ 023751

■ 946751

# Harmonies

## Analogous

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



4A4F50



4B4F51



4C4F52

# Triad

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



4B4F51



524D4F



4E4F4B

# Complementary

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



4B4F51



514D4B

# 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.



504E4B



4B4F51



524D4D

# Square

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



4B4F51



504E50



514E4C



4C4F4C

# Rectangle

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



4B4F51



4E4E51



514E4C



4F4E4B



# Sweetspot

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



4B4F51



666869



4B514D



343536



B5B5B5



363636



# Same Dimension

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



4B4F51



5F6569



4B4C51



252729



004669



009BE8



# Inverse Universe

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



514B4F



695F65



51504B



292527



690046



E8009B



# Previews

## White Background



This preview shows how the Hex color 4B4F51 looks on a white background.

## Color Contrast Check

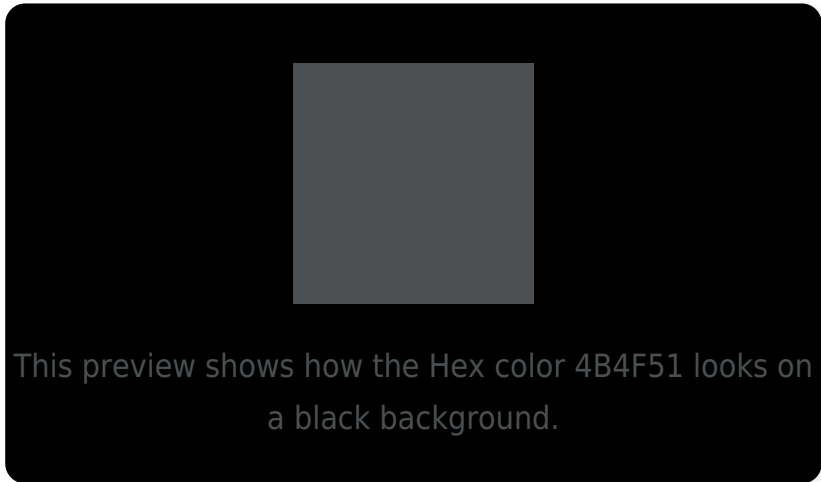
Large Text (above 18pt) WCAG AA ✓ Pass

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

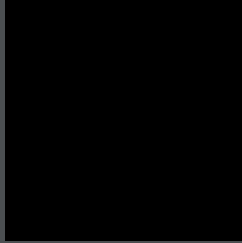
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

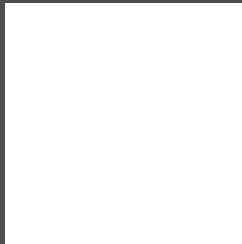
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B4F51 Background



This preview shows how black text looks on a background with the Hex color 4B4F51.

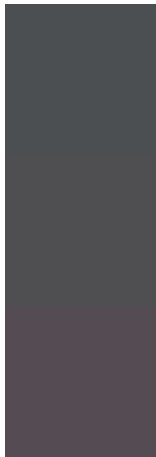


This preview shows how white text looks on a background with the Hex color 4B4F51.

# 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](#).

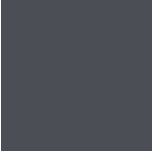
## Dichromacy



**Original Color**  
4B4F51

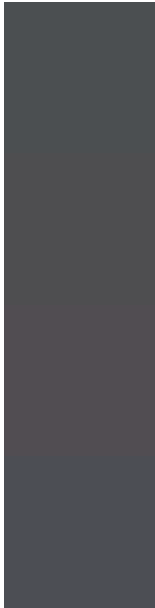
**Protanopia**  
4F4E50

**Deuteranopia**  
544C52



**Tritanopia**  
4C4E55

# Trichromacy



**Original Color**

4B4F51

**Protanomaly**

4E4E50

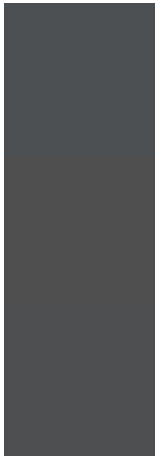
**Deuteranomaly**

514D52

**Tritanomaly**

4C4E54

# Monochromacy



**Original Color**

4B4F51

**Achromatopsia**

4E4E4E

**Achromatomaly**

4D4E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4F51 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 #4B4F51 looks like.

```
.text, #text, p{  
    color:#4B4F51  
}
```

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 #4B4F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4F51
}
```

## Border

The CSS property to change the border of an element to Hex 4B4F51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

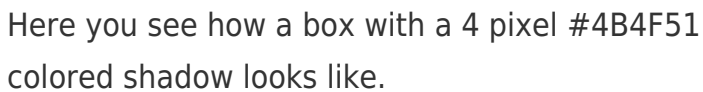
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4F51 }
```

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

```
.border{ border-color:#4B4F51 }
```

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



Here you see how a box with a 4 pixel #4B4F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4F51; -webkit-box-shadow:4px 4px  
4px 4px #4B4F51; box-shadow:4px 4px 4px  
4px #4B4F51 }
```

# Background

The CSS property to change the background color of an element to Hex 4B4F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4F51 }
```

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

```
.background{ background-color:#4B4F51 }
```

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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