

# Converting Colors

Hex(47464B)

Have a look what the booklet for  
Hex(47464B) contains.

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# Color

**Hex(47464B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47464B
RGB	71, 70, 75
RGB Percent	28%, 27%, 29%
CMY	0.7216, 0.7255, 0.7059
CMYK	0.05, 0.07, 0.00, 0.71
HSL	252°, 3%, 28%
HSV	252°, 7%, 29%
XYZ	6.0587, 6.2279, 7.5394
YIQ	70.8690, -1.0090, 1.7670

# Conversions

## Conversions Part 2

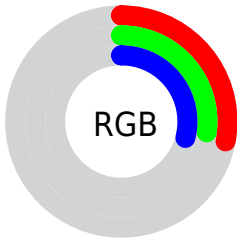
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 70, 75
Decimal	4671051
CIE Lab	29.98, 1.54, -2.85
CIE LCh	30, 3.241, 298.408
Yxy	6.2279, 0.3056, 0.3141
Android (android.graphics.Color)	4282861131 (0xFF47464B)
YUV	70.8690, 2.0366, 0.1149
Hunter-Lab	24.9558, -0.3369, -0.4430

# Details

The Hex color **47464B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4B46**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **77767C**, and **1C1B1F** is the 20% darker color. If you saturate the color by 10%, you get **413F4B**, and if you desaturate by 10%, it is **4D4E4B**.

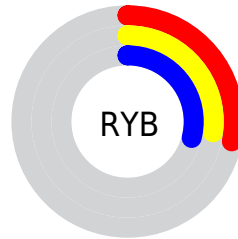
# Distribution



 Red (28%)

 Green (27%)

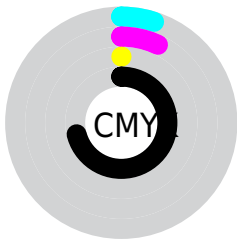
 Blue (29%)




 Red (28%)

 Yellow (27%)

 Blue (29%)

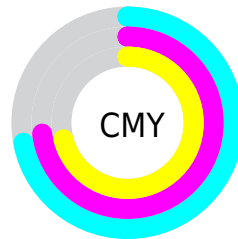


 Cyan (5%)

 Magenta (7%)

 Yellow (0%)

 Black (71%)



 Cyan (72%)

 Magenta (73%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47464B 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 47464B by changing the saturation by 10% instead.



■ 47464B

■ 47464B

FFFFFF

■ 313034

■ 77767C

■ 1C1B1F

■ 919095

■ 010007

■ ACAAB0

■ 000000

■ C7C6CC

■ E3E2E8

FFFEFF

■ 47464B

■ 47464B

■ 413F4B

■ 4D4E4B

■ 3B374B

■ 53554B

■ 35304B

■ 595D4B

■ 2F284B

■ 5F644B

■ 29214B

■ 656C4B

■ 23194B

■ 6B734B

■ 1D124B

■ 717B4B

■ 170A4B

■ 77824B

■ 11034B

■ 7D8A4B

# Harmonies

## Analogous

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



44474C



47464B



4A4549

# Triad

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



47464B



4B4642



414846

# Complementary

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



47464B



4A4B46

# 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.



434844



47464B



494642

# Square

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



47464B



4C4544



464742



414849

# Rectangle

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



47464B



4B4548



464742



424845



# Sweetspot

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



47464B



5F5F61



464A4B



302F30



B0B0B0



303030



# Same Dimension

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



47464B



5B5961



49464B



232226



140066



2E00E6



# Inverse Universe

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



4B464A



61595F



484B46



262225



660052

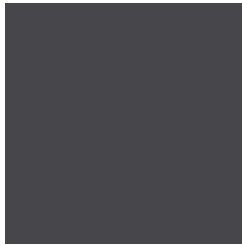


E600B8



# Previews

## White Background



This preview shows how the Hex color 47464B looks on a white background.

## Color Contrast Check

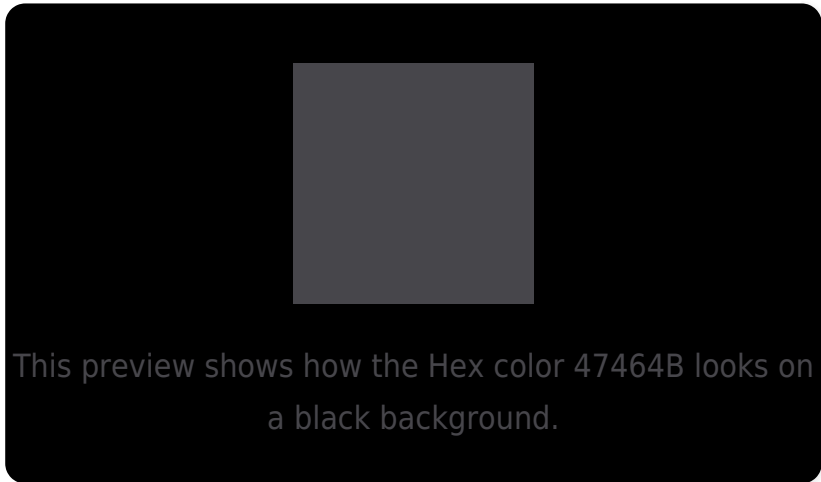
Large Text (above 18pt) WCAG AA ✓ Pass

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

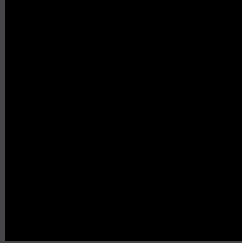
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

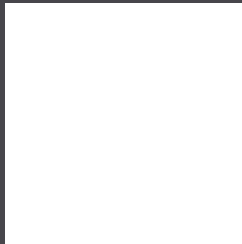
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47464B Background



This preview shows how black text looks on a background with the Hex color 47464B.



This preview shows how white text looks on a background with the Hex color 47464B.

# 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**  
47464B

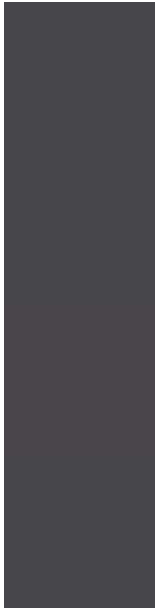
**Protanopia**  
47464B

**Deuteranopia**  
4B454B



**Tritanopia**  
47464B

# Trichromacy



**Original Color**

47464B

**Protanomaly**

47464B

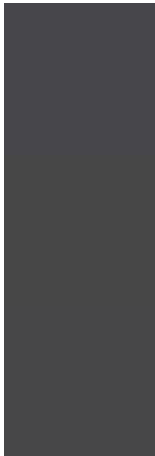
**Deuteranomaly**

4A454B

**Tritanomaly**

47464B

# Monochromacy



**Original Color**

47464B

**Achromatopsia**

474747

**Achromatomaly**

474748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47464B 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 #47464B looks like.

```
.text, #text, p{  
    color:#47464B  
}
```

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 #47464B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47464B
}
```

## Border

The CSS property to change the border of an element to Hex 47464B is called "border". The border property can be set on classes, ids or directly on the HTML element.

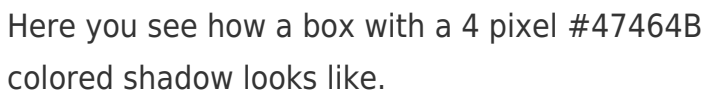
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47464B }
```

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

```
.border{ border-color:#47464B }
```

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



Here you see how a box with a 4 pixel #47464B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47464B; -webkit-box-shadow:4px 4px  
4px 4px #47464B; box-shadow:4px 4px 4px  
4px #47464B }
```

# Background

The CSS property to change the background color of an element to Hex 47464B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47464B }
```

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

```
.background{ background-color:#47464B }
```

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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