

# Converting Colors

Hex(3B4D4D)

Have a look what the booklet for  
Hex(3B4D4D) contains.

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# Color

**Hex(3B4D4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B4D4D
RGB	59, 77, 77
RGB Percent	23%, 30%, 30%
CMY	0.7686, 0.6980, 0.6980
CMYK	0.23, 0.00, 0.00, 0.70
HSL	180°, 13%, 27%
HSV	180°, 23%, 30%
XYZ	5.7971, 6.7734, 8.0230
YIQ	71.6180, -10.7280, -3.8160

# Conversions

## Conversions Part 2

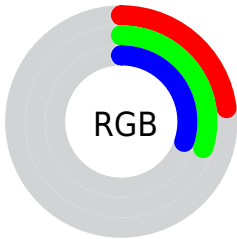
Format	Color
<a href="#">RYB</a>	<a href="#">59, 68, 77</a>
Decimal	<a href="#">3886413</a>
CIELab	<a href="#">31.29, -7.00, -2.32</a>
CIElCh	<a href="#">31, 7.375, 198.343</a>
Yxy	<a href="#">6.7734, 0.2815, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4282076493 (0xFF3B4D4D)</a>
YUV	<a href="#">71.6180, 2.6533, -11.0660</a>
Hunter-Lab	<a href="#">26.0257, -5.7853, -0.0595</a>

# Details

The Hex color **3B4D4D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D3B3B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6B7E7E**, and **102121** is the 20% darker color. If you saturate the color by 10%, you get **334D4D**, and if you desaturate by 10%, it is **434D4D**.

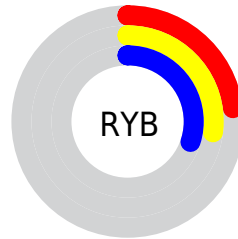
# Distribution



Red (23%)

Green (30%)

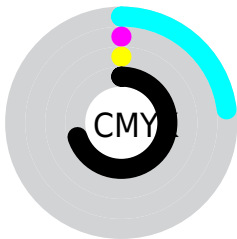
Blue (30%)



Red (23%)

Yellow (27%)

Blue (30%)

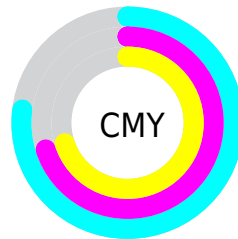


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (70%)



Cyan (77%)

Magenta (70%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B4D4D 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 3B4D4D by changing the saturation by 10% instead.





3B4D4D



3B4D4D

FFFFFF



253636



6B7E7E



102121



849898



00090A



9EB3B2



000000



B9CECE



D5EAEA



F1FFFF



3B4D4D



3B4D4D



334D4D



434D4D

■ 2C4D4D

■ 4A4D4D

■ 244D4D

■ 524D4D

■ 1C4D4D

■ 5A4D4D

■ 154D4D

■ 624D4D

■ 0D4D4D

■ 694D4D

■ 054D4D

■ 714D4D

■ 004D4D

■ 794D4D

■ 804D4D

# Harmonies

## Analogous

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



3E4D47



3B4D4D



3C4C52

# Triad

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



3B4D4D



4F4751



51483E

# Complementary

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



3B4D4D



4D3B3B

# 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.



554741



3B4D4D



54464C

# Square

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



3B4D4D



484954



564646



4A4A3F

# Rectangle

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



3B4D4D



3F4B54



564646



52483F



# Sweetspot

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



3B4D4D



5C6363



3B4D3B



2F3333



B3B3B3



333333



# Same Dimension

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



3B4D4D



486363



3B444D



222626



006666



00E6E6



# Inverse Universe

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



4D3B4D



634863



4D443B



262226



660066



E600E6



# Previews

## White Background



This preview shows how the Hex color 3B4D4D looks on a white background.

## Color Contrast Check

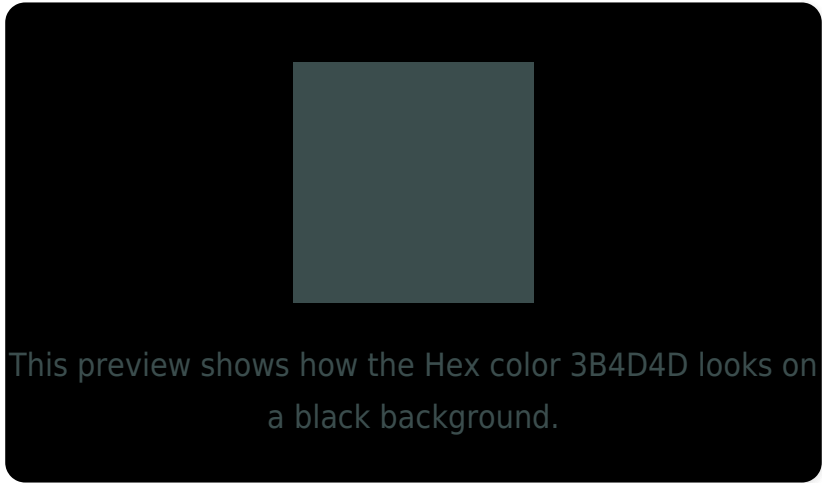
Large Text (above 18pt) WCAG AA ✓ Pass

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

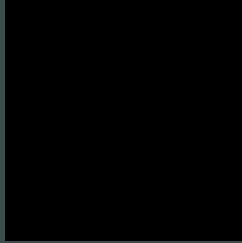
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B4D4D Background



This preview shows how black text looks on a background with the Hex color 3B4D4D.



This preview shows how white text looks on a background with the Hex color 3B4D4D.

# 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**

3B4D4D

**Protanopia**

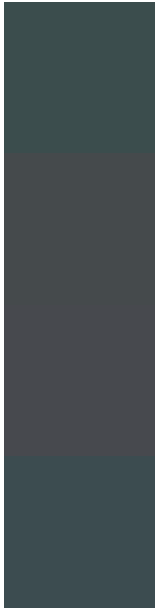
4A494B

**Deuteranopia**

4E474E



# Trichromacy



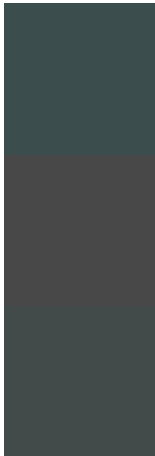
**Original Color**  
3B4D4D

**Protanomaly**  
454A4C

**Deuteranomaly**  
47494E

**Tritanomaly**  
3C4C50

# Monochromacy



**Original Color**  
3B4D4D

**Achromatopsia**  
484848

**Achromatomaly**  
434A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B4D4D 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 #3B4D4D looks like.

```
.text, #text, p{  
    color:#3B4D4D  
}
```

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 #3B4D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4D4D
}
```

## Border

The CSS property to change the border of an element to Hex 3B4D4D 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
#3B4D4D }
```

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

```
.border{ border-color:#3B4D4D }
```

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

Here you see how a box with a 4 pixel #3B4D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4D4D; -webkit-box-shadow:4px 4px  
4px 4px #3B4D4D; box-shadow:4px 4px 4px  
4px #3B4D4D }
```

# Background

The CSS property to change the background color of an element to Hex 3B4D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4D4D }
```

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

```
.background{ background-color:#3B4D4D }
```

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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