

# Converting Colors

Hex(3D4753)

Have a look what the booklet for  
Hex(3D4753) contains.

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# Color

**Hex(3D4753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D4753
RGB	61, 71, 83
RGB Percent	24%, 28%, 33%
CMY	0.7608, 0.7216, 0.6745
CMYK	0.27, 0.14, 0.00, 0.67
HSL	213°, 15%, 28%
HSV	213°, 27%, 33%
XYZ	5.7390, 6.1231, 9.0630
YIQ	69.3780, -9.8120, 1.6120

# Conversions

## Conversions Part 2

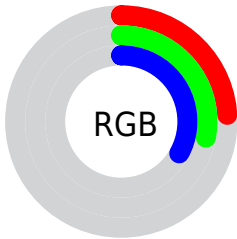
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 68, 83
Decimal	4015955
CIELab	29.72, -0.92, -8.49
CIELCh	30, 8.544, 263.844
Yxy	6.1231, 0.2743, 0.2926
Android (android.graphics.Color)	4282206035 (0xFF3D4753)
YUV	69.3780, 6.7156, -7.3475
Hunter-Lab	24.7449, -1.9045, -4.3940

# Details

The Hex color **3D4753** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53493D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6D7784**, and **121C26** is the 20% darker color. If you saturate the color by 10%, you get **354253**, and if you desaturate by 10%, it is **454C53**.

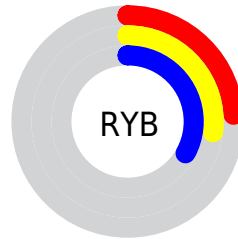
# Distribution



Red (24%)

Green (28%)

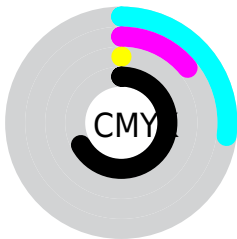
Blue (33%)



Red (24%)

Yellow (27%)

Blue (33%)

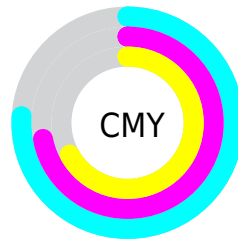


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (67%)



Cyan (76%)

Magenta (72%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D4753 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 3D4753 by changing the saturation by 10% instead.



■ 3D4753

■ 3D4753

FFFFFF

■ 27313C

■ 6D7784

■ 121C26

■ 86919F

■ 000112

■ A1ABBA

■ 000000

■ BCC7D5

■ D7E3F2

■ F4FFFF

■ 3D4753

■ 3D4753

■ 354253

■ 454C53

■ 2C3E53

■ 4E5053

■ 243953

■ 565553

■ 1C3553

■ 5E5953

■ 133053

■ 665E53

■ 0B2C53

■ 6F6253

■ 032753

■ 776753

■ 002653

■ 7F6B53

■ 887053

# Harmonies

## Analogous

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



374950



3D4753



464552

# Triad

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



3D4753



544241



3E493E

# Complementary

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



3D4753



53493D

# 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.



46473A



3D4753



52433C

# Square

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



3D4753



534248



4D4539



384A44

# Rectangle

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



3D4753



4B4350



4D4539



40483C



# Sweetspot

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



3D4753



63666B



3D5349



303336



B5B5B5



363636



# Same Dimension

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



3D4753



49586B



3E3D53



252729



003069



0069E8



# Inverse Universe

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



533D47



6B4958



52533D



292527



690030

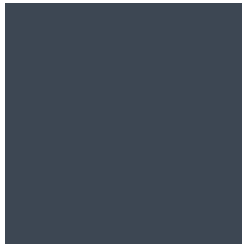


E80069



# Previews

## White Background



This preview shows how the Hex color 3D4753 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

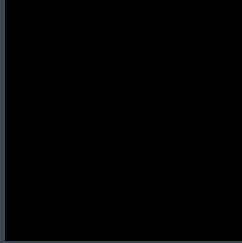
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

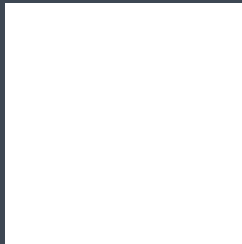
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D4753 Background



This preview shows how black text looks on a background with the Hex color 3D4753.

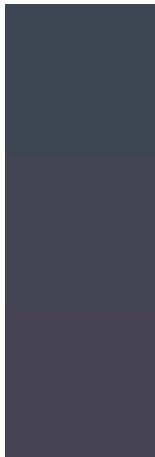


This preview shows how white text looks on a background with the Hex color 3D4753.

# 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**  
3D4753

**Protanopia**  
434552

**Deuteranopia**  
464454



**Tritanopia**  
3C484E

# Trichromacy



**Original Color**

3D4753

**Protanomaly**

414652

**Deuteranomaly**

434554

**Tritanomaly**

3C4850

# Monochromacy



**Original Color**

3D4753

**Achromatopsia**

454545

**Achromatomaly**

42464A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D4753 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 #3D4753 looks like.

```
.text, #text, p{  
    color:#3D4753  
}
```

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 #3D4753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4753
}
```

## Border

The CSS property to change the border of an element to Hex 3D4753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

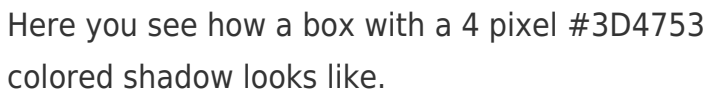
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4753 }
```

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

```
.border{ border-color:#3D4753 }
```

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



Here you see how a box with a 4 pixel #3D4753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4753; -webkit-box-shadow:4px 4px  
4px 4px #3D4753; box-shadow:4px 4px 4px  
4px #3D4753 }
```

# Background

The CSS property to change the background color of an element to Hex 3D4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4753 }
```

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

```
.background{ background-color:#3D4753 }
```

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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