

# Converting Colors

Hex(374D67)

Have a look what the booklet for  
Hex(374D67) contains.

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# Color

**Hex(374D67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	374D67
RGB	55, 77, 103
RGB Percent	22%, 30%, 40%
CMY	0.7843, 0.6980, 0.5961
CMYK	0.47, 0.25, 0.00, 0.60
HSL	213°, 30%, 31%
HSV	213°, 47%, 40%
XYZ	6.6776, 7.0993, 13.8503
YIQ	73.3860, -21.4580, 3.4220

# Conversions

## Conversions Part 2

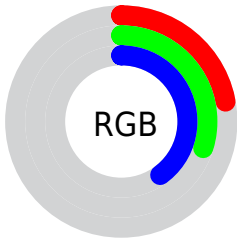
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 70, 103
Decimal	3624295
CIELab	32.03, -0.72, -17.77
CIELCh	32, 17.785, 267.684
Yxy	7.0993, 0.2417, 0.2570
Android (android.graphics.Color)	4281814375 (0xFF374D67)
YUV	73.3860, 14.5997, -16.1245
Hunter-Lab	26.6444, -1.8922, -12.1690

# Details

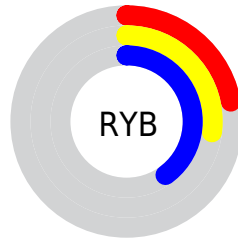
The Hex color **374D67** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **675137**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **687E9A**, and **052138** is the 20% darker color. If you saturate the color by 10%, you get **2D4767**, and if you desaturate by 10%, it is **415367**.

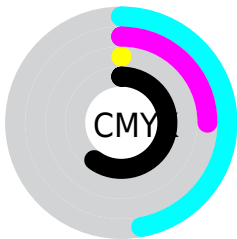
# Distribution



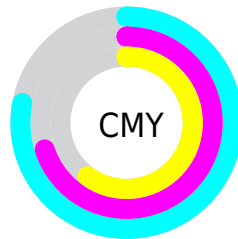
- Red (22%)
- Green (30%)
- Blue (40%)



- Red (22%)
- Yellow (27%)
- Blue (40%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (70%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 374D67 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 374D67 by changing the saturation by 10% instead.



■ 374D67

■ 374D67

FFFFFF

■ 1F364F

■ 687E9A

■ 052138

■ 8298B5

■ 000A23

■ 9DB2D1

■ 00000A

■ B8CEED

■ 000000

■ D4EAFF

■ F1FFFF

■ 374D67

■ 374D67

■ 2D4767

■ 415367

■ 224267

■ 4C5867

■ 183C67

■ 565E67

■ 0E3767

■ 606367

■ 043167

■ 6B6967

■ 002F67

■ 756E67

■ 7F7467

■ 897A67

■ 947F67

# Harmonies

## Analogous

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



235163



374D67



4C4864

# Triad

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



374D67



67423F



37513C

# Complementary

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



374D67



675137

# 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.



484E32



374D67



614534

# Square

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



374D67



65414D



564A2F



27534A

# Rectangle

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



374D67



57455E



564A2F



3D5138



# Sweetspot

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



374D67



747D87



376751



393F45



C4C4C4



454545



# Same Dimension

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



374D67



3B5E87



393767



2E3033



003573



006FF2



# Inverse Universe

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



67374D



873B5E



656737



332E30



730035

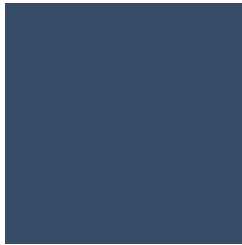


F2006F



# Previews

## White Background



This preview shows how the Hex color 374D67 looks on a white background.

### Color Contrast Check

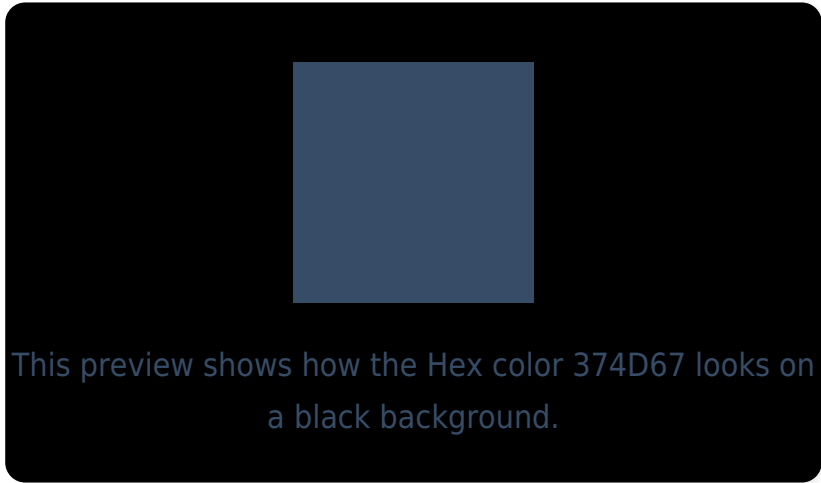
Large Text (above 18pt) WCAG AA ✓ Pass

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

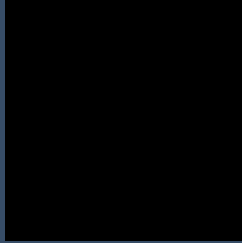
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

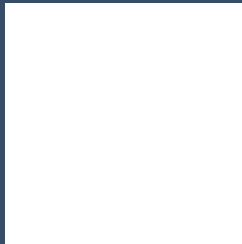
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 374D67 Background



This preview shows how black text looks on a background with the Hex color 374D67.

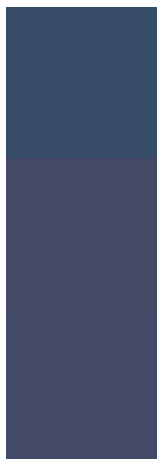


This preview shows how white text looks on a background with the Hex color 374D67.

# 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**

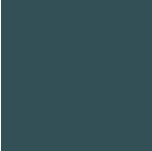
374D67

**Protanopia**

444A65

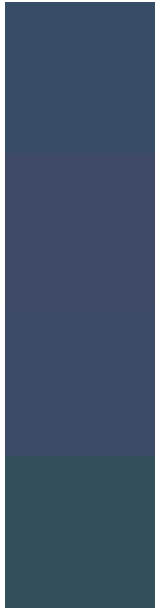
**Deuteranopia**

424A68



**Tritanopia**  
325056

# Trichromacy



**Original Color**  
374D67

**Protanomaly**  
3F4B66

**Deuteranomaly**  
3E4B68

**Tritanomaly**  
344F5C

# Monochromacy



**Original Color**  
374D67

**Achromatopsia**  
494949

**Achromatomaly**  
424A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 374D67 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 #374D67 looks like.

```
.text, #text, p{  
    color:#374D67  
}
```

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 #374D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374D67
}
```

## Border

The CSS property to change the border of an element to Hex 374D67 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
#374D67 }
```

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

```
.border{ border-color:#374D67 }
```

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

Here you see how a box with a 4 pixel #374D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374D67; -webkit-box-shadow:4px 4px  
4px 4px #374D67; box-shadow:4px 4px 4px  
4px #374D67 }
```

# Background

The CSS property to change the background color of an element to Hex 374D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374D67 }
```

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

```
.background{ background-color:#374D67 }
```

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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