

# Converting Colors

Hex(35374D)

Have a look what the booklet for  
Hex(35374D) contains.

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# Color

**Hex(35374D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	35374D
RGB	53, 55, 77
RGB Percent	21%, 22%, 30%
CMY	0.7922, 0.7843, 0.6980
CMYK	0.31, 0.29, 0.00, 0.70
HSL	235°, 18%, 25%
HSV	235°, 31%, 30%
XYZ	4.1739, 4.0251, 7.5781
YIQ	56.9100, -8.2540, 6.4180

# Conversions

## Conversions Part 2

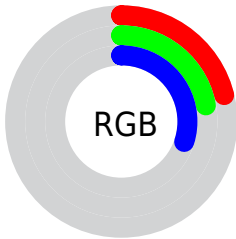
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 55, 77
Decimal	3487565
CIELab	23.75, 5.05, -13.73
CIELCh	24, 14.625, 290.194
Yxy	4.0251, 0.2646, 0.2551
Android (android.graphics.Color)	4281677645 (0xFF35374D)
YUV	56.9100, 9.9044, -3.4291
Hunter-Lab	20.0626, 2.0266, -8.3514

# Details

The Hex color **35374D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D4B35**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **64667E**, and **0A0B21** is the 20% darker color. If you saturate the color by 10%, you get **2D304D**, and if you desaturate by 10%, it is **3D3E4D**.

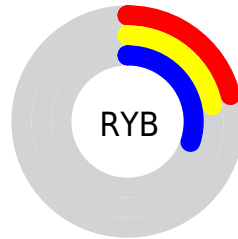
# Distribution



Red (21%)

Green (22%)

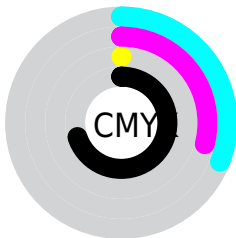
Blue (30%)



Red (21%)

Yellow (22%)

Blue (30%)

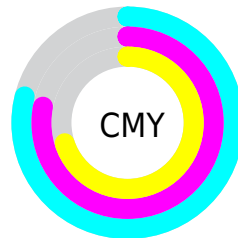


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (70%)



Cyan (79%)

Magenta (78%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35374D 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 35374D by changing the saturation by 10% instead.



■ 35374D

■ 35374D

FFFFFF

■ 1F2236

■ 64667E

■ 0A0B21

■ 7D7F98

■ 000007

■ 9799B3

■ 000000

■ B2B3CE

■ CECFEA

■ EAEBFF

■ 35374D

■ 35374D

■ 2D304D

■ 3D3E4D

■ 26294D

■ 44454D

■ 1E224D

■ 4C4C4D

■ 161B4D

■ 54534D

■ 0F144D

■ 5C5A4D

■ 070D4D

■ 63614D

■ 00064D

■ 6B684D

■ 736F4D

■ 7A774D

# Harmonies

## Analogous

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



243B4E



35374D



433347

# Triad

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



35374D



4B3328



1F3E34

# Complementary

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



35374D



4D4B35

# 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.



2C3D2A



35374D



433723

# Square

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



35374D



4E3131



393A24



153E40

# Rectangle

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



35374D



493140



393A24



233E31



# Sweetspot

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



35374D



5A5B63



354D4B



2D2E33



B3B3B3



333333



# Same Dimension

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



35374D



3F4263



3F354D



222326



000866



0013E6



# Inverse Universe

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



4D3537



633F42



434D35



262223



660009

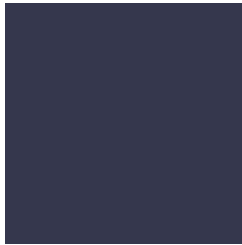


E60013



# Previews

## White Background



This preview shows how the Hex color 35374D looks on a white background.

## Color Contrast Check

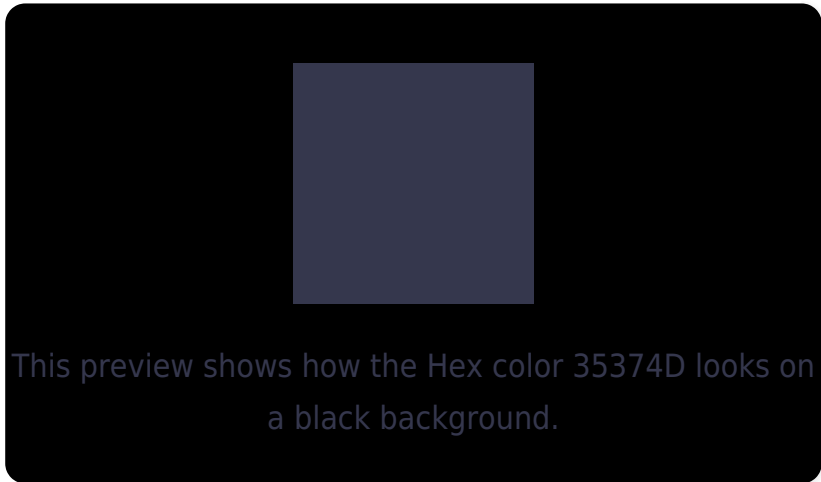
Large Text (above 18pt) WCAG AA ✓ Pass

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

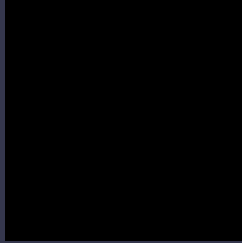
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35374D Background



This preview shows how black text looks on a background with the Hex color 35374D.

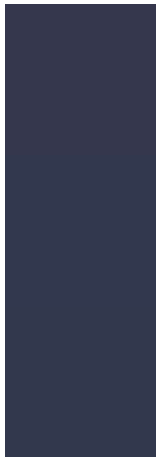


This preview shows how white text looks on a background with the Hex color 35374D.

# 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**  
35374D

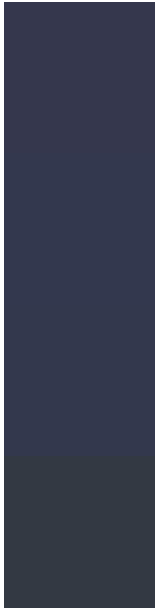
**Protanopia**  
32384E

**Deuteranopia**  
32384D



**Tritanopia**  
323A3E

# Trichromacy



**Original Color**  
35374D

**Protanomaly**  
33384E

**Deuteranomaly**  
33384D

**Tritanomaly**  
333943

# Monochromacy



**Original Color**  
35374D

**Achromatopsia**  
393939

**Achromatomaly**  
383840

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35374D 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 #35374D looks like.

```
.text, #text, p{  
    color:#35374D  
}
```

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 #35374D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35374D
}
```

## Border

The CSS property to change the border of an element to Hex 35374D is called "border". The border property can be set on classes, ids or directly on the HTML element.

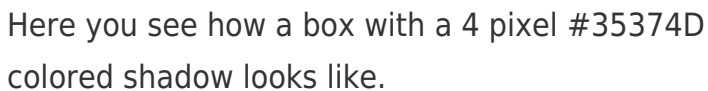
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35374D }
```

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

```
.border{ border-color:#35374D }
```

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



Here you see how a box with a 4 pixel #35374D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35374D; -webkit-box-shadow:4px 4px  
4px 4px #35374D; box-shadow:4px 4px 4px  
4px #35374D }
```

# Background

The CSS property to change the background color of an element to Hex 35374D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35374D }
```

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

```
.background{ background-color:#35374D }
```

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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