

# Converting Colors

Hex(37344B)

Have a look what the booklet for  
Hex(37344B) contains.

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# Color

**Hex(37344B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37344B
RGB	55, 52, 75
RGB Percent	22%, 20%, 29%
CMY	0.7843, 0.7961, 0.7059
CMYK	0.27, 0.31, 0.00, 0.71
HSL	248°, 18%, 25%
HSV	248°, 31%, 29%
XYZ	4.0735, 3.7762, 7.1708
YIQ	55.5190, -5.5950, 7.7890

# Conversions

## Conversions Part 2

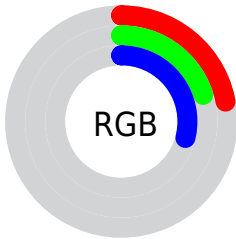
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 52, 75
Decimal	3617867
CIELab	22.92, 7.23, -13.67
CIElCh	23, 15.462, 297.878
Yxy	3.7762, 0.2712, 0.2514
Android (android.graphics.Color)	4281807947 (0xFF37344B)
YUV	55.5190, 9.6041, -0.4552
Hunter-Lab	19.4325, 3.4113, -8.2759

# Details

The Hex color **37344B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484B34**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **66627C**, and **0D061F** is the 20% darker color. If you saturate the color by 10%, you get **302D4B**, and if you desaturate by 10%, it is **3E3B4B**.

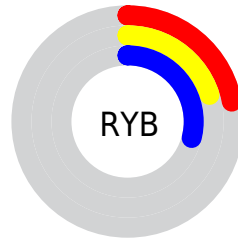
# Distribution



Red (22%)

Green (20%)

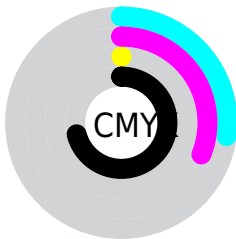
Blue (29%)



Red (22%)

Yellow (20%)

Blue (29%)

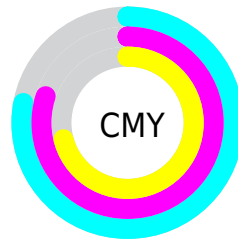


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (71%)



Cyan (78%)

Magenta (80%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37344B 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 37344B by changing the saturation by 10% instead.





37344B



37344B

FFFFFF



211F34



66627C



0D061F



807B96



000004



9A95B0



000000



B4B0CC



D0CBE8



ECE7FF



37344B



37344B



302D4B



3E3B4B

■ 2A254B

■ 44434B

■ 231D4B

■ 4B4B4B

■ 1D164B

■ 51524B

■ 160E4B

■ 585A4B

■ 10074B

■ 5E614B

■ 0A004B

■ 65694B

■ 6B704B

■ 72784B

# Harmonies

## Analogous

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



25384E



37344B



453043

# Triad

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



37344B



483224



183D35

# Complementary

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



37344B



484B34

# 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.



263C2A



37344B



3F3620

# Square

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



37344B



4D2F2C



333922



0E3D41

# Rectangle

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



37344B



4A2E3C



333922



1C3D31



# Sweetspot

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



37344B



595861



34484B



2C2B30



B0B0B0



303030



# Same Dimension

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



37344B



423D61



42344B



232226



0D0066



1E00E6



# Inverse Universe

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



4B3448



613D5C



3D4B34



262226



660059

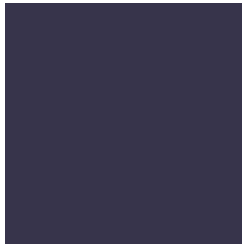


E600C8



# Previews

## White Background



This preview shows how the Hex color 37344B looks on a white background.

## Color Contrast Check

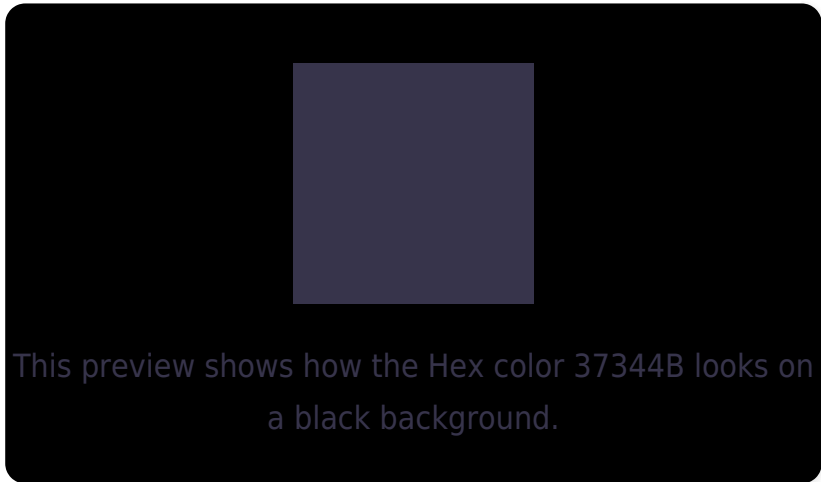
Large Text (above 18pt) WCAG AA ✓ Pass

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

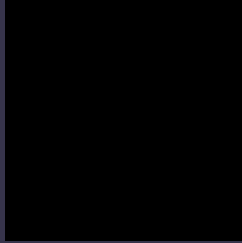
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 37344B Background



This preview shows how black text looks on a background with the Hex color 37344B.

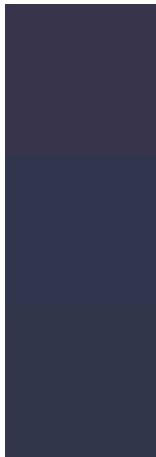


This preview shows how white text looks on a background with the Hex color 37344B.

# 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**  
37344B

**Protanopia**  
30364D

**Deuteranopia**  
31364B



**Tritanopia**  
34373B

# Trichromacy



**Original Color**  
37344B

**Protanomaly**  
33354C

**Deuteranomaly**  
33354B

**Tritanomaly**  
353641

# Monochromacy



**Original Color**  
37344B

**Achromatopsia**  
383838

**Achromatomaly**  
38373F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37344B 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 #37344B looks like.

```
.text, #text, p{  
    color:#37344B  
}
```

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 #37344B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37344B
}
```

## Border

The CSS property to change the border of an element to Hex 37344B is called "border". The border property can be set on classes, ids or directly on the HTML element.

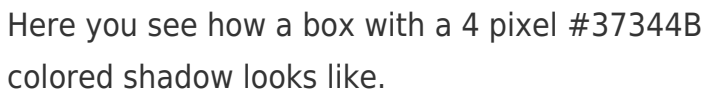
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37344B }
```

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

```
.border{ border-color:#37344B }
```

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



Here you see how a box with a 4 pixel #37344B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37344B; -webkit-box-shadow:4px 4px  
4px 4px #37344B; box-shadow:4px 4px 4px  
4px #37344B }
```

# Background

The CSS property to change the background color of an element to Hex 37344B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37344B }
```

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

```
.background{ background-color:#37344B }
```

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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