

# Converting Colors

Hex(363C37)

Have a look what the booklet for  
Hex(363C37) contains.

<b>Hex(363C37)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(363C37)

# Conversions

## Conversions Part 1

Format	Color
Hex	363C37
RGB	54, 60, 55
RGB Percent	21%, 24%, 22%
CMY	0.7882, 0.7647, 0.7843
CMYK	0.10, 0.00, 0.08, 0.76
HSL	130°, 5%, 22%
HSV	130°, 10%, 24%
XYZ	3.8268, 4.2918, 4.2411
YIQ	57.6360, -1.9710, -2.8270

# Conversions

## Conversions Part 2

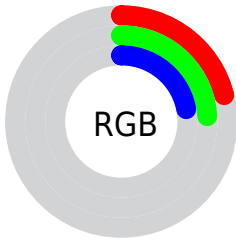
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 59, 60
Decimal	3554359
CIELab	24.61, -3.69, 2.23
CIELCh	25, 4.309, 148.875
Yxy	4.2918, 0.3096, 0.3472
Android (android.graphics.Color)	4281744439 (0xFF363C37)
YUV	57.6360, -1.2995, -3.1888
Hunter-Lab	20.7167, -3.2819, 2.3638

# Details

The Hex color **363C37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C363B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **656B66**, and **0A120B** is the 20% darker color. If you saturate the color by 10%, you get **303C32**, and if you desaturate by 10%, it is **3C3C3C**.

# Distribution



Red (21%)

Green (24%)

Blue (22%)



Red (21%)

Yellow (23%)

Blue (24%)

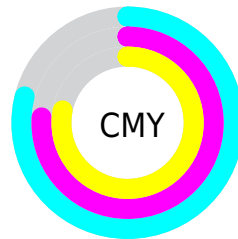


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (76%)



Cyan (79%)

Magenta (76%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 363C37 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 363C37 by changing the saturation by 10% instead.



■ 363C37

■ 363C37

FFFFFF

■ 212622

■ 656B66

■ 0A120B

■ 7E847F

■ 000000

■ 979F99

■ B2BAB3

■ CED5CF

■ EAF2EB

■ 363C37

■ 363C37

■ 303C32

■ 3C3C3C

■ 2A3C2D

■ 423C41

■ 243C28

■ 483C46

■ 1E3C23

■ 4E3C4B

■ 183C1E

■ 543C50

■ 123C19

■ 5A3C55

■ 0C3C14

■ 603C5A

■ 063C0F

■ 663C5F

■ 003C0A

■ 6C3C64

# Harmonies

## Analogous

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



3A3B35



363C37



333C3A

# Triad

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



363C37



373B41



423837

# Complementary

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



363C37



3C363B

# 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.



41383B



363C37



3B3A40

# Square

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



363C37



343C40



3F393E



403935

# Rectangle

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



363C37



323C3C



3F393E



423838



# Sweetspot

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



363C37



4D4F4D



3B3C36



272927



A8A8A8



292929



# Same Dimension

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



363C37



464F47



363C3A



1C1F1C



005E10



00DE25



# Inverse Universe

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



3C363B



4F464D



3C3638



1F1C1E



5E004F

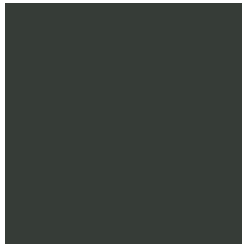


DE00B9



# Previews

## White Background



This preview shows how the Hex color 363C37 looks on a white background.

## Color Contrast Check

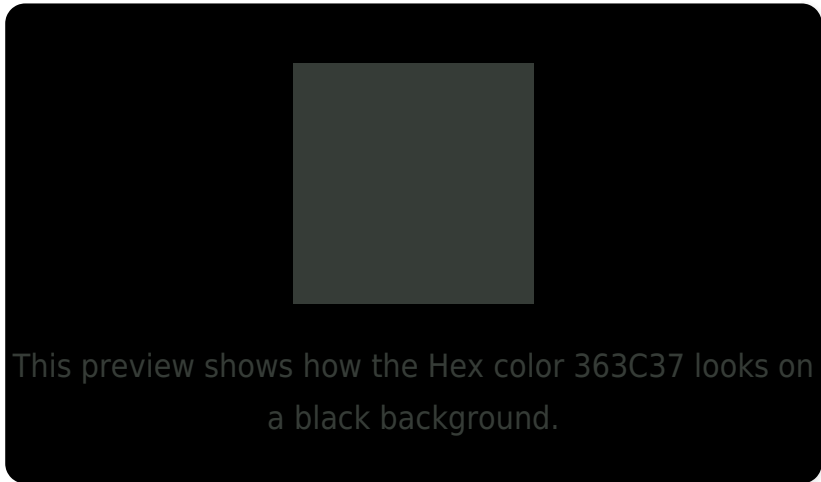
Large Text (above 18pt) WCAG AA ✓ Pass

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

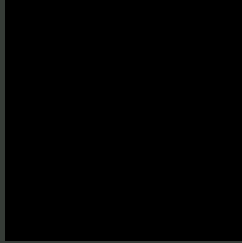
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

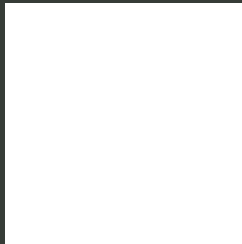
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 363C37 Background



This preview shows how black text looks on a background with the Hex color 363C37.



This preview shows how white text looks on a background with the Hex color 363C37.

# 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**  
363C37

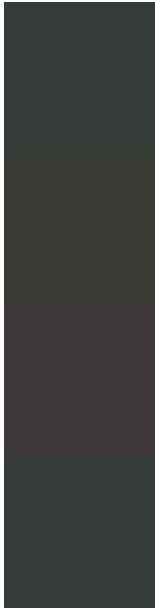
**Protanopia**  
3C3A36

**Deuteranopia**  
413838



**Tritanopia**  
373B3F

# Trichromacy



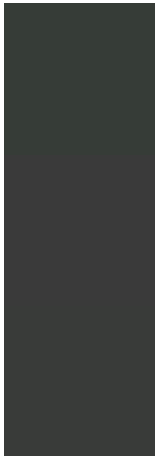
**Original Color**  
363C37

**Protanomaly**  
3A3B36

**Deuteranomaly**  
3D3938

**Tritanomaly**  
373B3C

# Monochromacy



**Original Color**  
363C37

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
393B39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 363C37 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 #363C37 looks like.

```
.text, #text, p{  
    color:#363C37  
}
```

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 #363C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363C37
}
```

## Border

The CSS property to change the border of an element to Hex 363C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

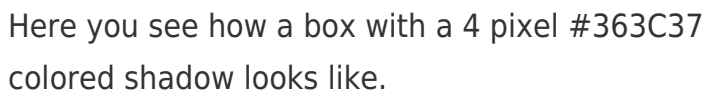
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#363C37 }
```

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

```
.border{ border-color:#363C37 }
```

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



Here you see how a box with a 4 pixel `#363C37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363C37; -webkit-box-shadow:4px 4px  
4px 4px #363C37; box-shadow:4px 4px 4px  
4px #363C37 }
```

# Background

The CSS property to change the background color of an element to Hex 363C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363C37 }
```

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

```
.background{ background-color:#363C37 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor