

# Converting Colors

Hex(36353B)

Have a look what the booklet for  
Hex(36353B) contains.

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# Color

**Hex(36353B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36353B
RGB	54, 53, 59
RGB Percent	21%, 21%, 23%
CMY	0.7882, 0.7922, 0.7686
CMYK	0.08, 0.10, 0.00, 0.77
HSL	250°, 5%, 22%
HSV	250°, 10%, 23%
XYZ	3.5838, 3.6462, 4.6526
YIQ	53.9830, -1.3300, 2.0780

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 53, 59
Decimal	3552571
CIELab	22.47, 1.86, -3.60
CIElCh	22, 4.055, 297.366
Yxy	3.6462, 0.3016, 0.3069
Android (android.graphics.Color)	4281742651 (0xFF36353B)
YUV	53.9830, 2.4734, 0.0149
Hunter-Lab	19.0951, 0.0850, -1.0796

# Details

The Hex color **36353B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3B35**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **65636A**, and **0A0811** is the 20% darker color. If you saturate the color by 10%, you get **312F3B**, and if you desaturate by 10%, it is **3B3B3B**.

# Distribution



Red (21%)

Green (21%)

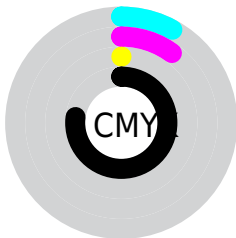
Blue (23%)



Red (21%)

Yellow (21%)

Blue (23%)

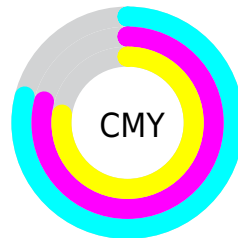


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (77%)



Cyan (79%)

Magenta (79%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36353B 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 36353B by changing the saturation by 10% instead.





36353B



36353B

FFFFFF



212025



65636A



0A0811



7E7C83



000000



97969D



B2B1B8



CECCD4



EAE8F0



36353B



36353B



312F3B



3B3B3B

■ 2C293B

■ 40413B

■ 27233B

■ 45473B

■ 221D3B

■ 4A4D3B

■ 1D173B

■ 4F523B

■ 18123B

■ 54583B

■ 140C3B

■ 585E3B

■ 0F063B

■ 5D643B

■ 0A003B

■ 626A3B

# Harmonies

## Analogous

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



32363C



36353B



393439

# Triad

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



36353B



3B3431



2F3735

# Complementary

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



36353B



3A3B35

# 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.



323732



36353B



393530

# Square

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



36353B



3C3433



353630



2E3738

# Rectangle

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



36353B



3B3437



353630



303734



# Sweetspot

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



36353B



4B4A4D



353A3B



252526



A6A6A6



262626



# Same Dimension

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



36353B



45434D



39353B



1C1C1F



10005E



2500DE



# Inverse Universe

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



3B353A



4D434B



373B35



1F1C1E



5E004F

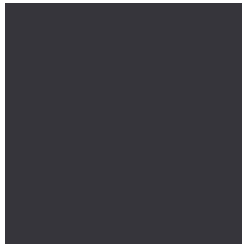


DE00B9



# Previews

## White Background



This preview shows how the Hex color 36353B looks on a white background.

## Color Contrast Check

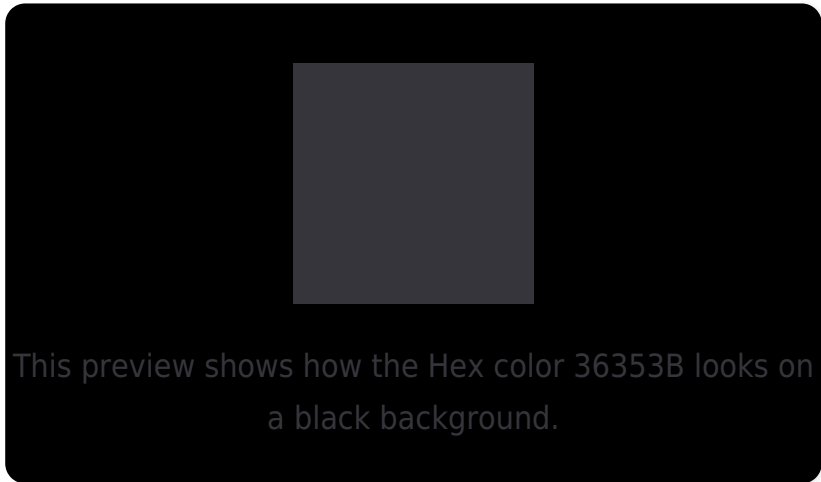
Large Text (above 18pt) WCAG AA ✓ Pass

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

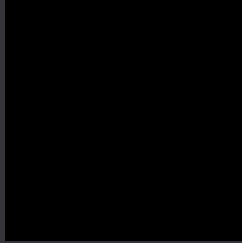
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

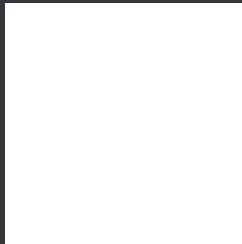
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36353B Background



This preview shows how black text looks on a background with the Hex color 36353B.

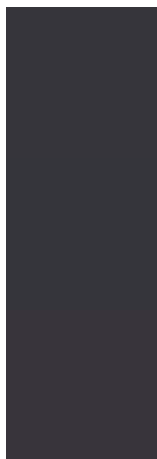


This preview shows how white text looks on a background with the Hex color 36353B.

# 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**  
36353B

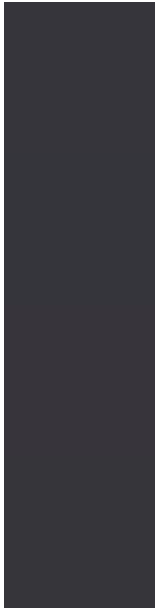
**Protanopia**  
35353B

**Deuteranopia**  
38343B



**Tritanopia**  
363539

# Trichromacy



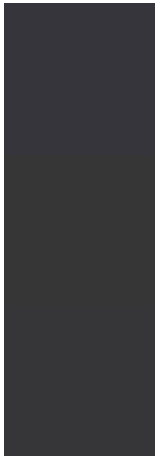
**Original Color**  
36353B

**Protanomaly**  
35353B

**Deuteranomaly**  
37343B

**Tritanomaly**  
36353A

# Monochromacy



**Original Color**  
36353B

**Achromatopsia**  
363636

**Achromatomaly**  
363638

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36353B 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 #36353B looks like.

```
.text, #text, p{  
    color:#36353B  
}
```

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 #36353B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36353B
}
```

## Border

The CSS property to change the border of an element to Hex 36353B is called "border". The border property can be set on classes, ids or directly on the HTML element.

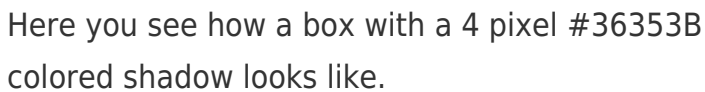
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36353B }
```

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

```
.border{ border-color:#36353B }
```

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



Here you see how a box with a 4 pixel #36353B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36353B; -webkit-box-shadow:4px 4px  
4px 4px #36353B; box-shadow:4px 4px 4px  
4px #36353B }
```

# Background

The CSS property to change the background color of an element to Hex 36353B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36353B }
```

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

```
.background{ background-color:#36353B }
```

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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