

# Converting Colors

Hex(353F3A)

Have a look what the booklet for  
Hex(353F3A) contains.

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# Color

Hex(353F3A)

# Conversions

## Conversions Part 1

Format	Color
Hex	353F3A
RGB	53, 63, 58
RGB Percent	21%, 25%, 23%
CMY	0.7922, 0.7529, 0.7725
CMYK	0.16, 0.00, 0.08, 0.75
HSL	150°, 9%, 23%
HSV	150°, 16%, 25%
XYZ	4.0094, 4.6174, 4.6829
YIQ	59.4400, -4.3550, -3.6750

# Conversions

## Conversions Part 2

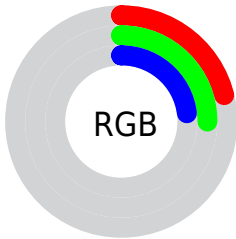
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 60, 63
Decimal	3489594
CIE Lab	25.62, -5.32, 1.68
CIE LCh	26, 5.582, 162.501
Yxy	4.6174, 0.3012, 0.3469
Android (android.graphics.Color)	4281679674 (0xFF353F3A)
YUV	59.4400, -0.7099, -5.6479
Hunter-Lab	21.4881, -4.2982, 2.1206

# Details

The Hex color **353F3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F353A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **646F69**, and **09150F** is the 20% darker color. If you saturate the color by 10%, you get **2F3F37**, and if you desaturate by 10%, it is **3B3F3D**.

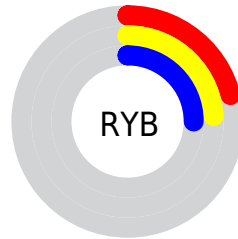
# Distribution



 Red (21%)

 Green (25%)

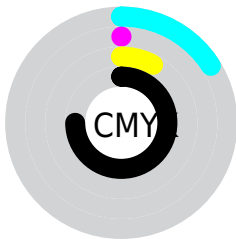
 Blue (23%)




 Red (21%)

 Yellow (24%)

 Blue (25%)

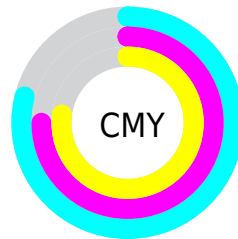


 Cyan (16%)


 Magenta (0%)

 Yellow (8%)

 Black (75%)



 Cyan (79%)

 Magenta (75%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 353F3A 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 353F3A by changing the saturation by 10% instead.





353F3A



353F3A

FFFFFF



202924



646F69



09150F



7D8882



000000



96A29C



B1BDB7



CDD9D3



E9F5EF



353F3A



353F3A



2F3F37



3B3F3D

■ 283F34

■ 423F40

■ 223F31

■ 483F43

■ 1C3F2D

■ 4E3F47

■ 163F2A

■ 553F4A

■ 0F3F27

■ 5B3F4D

■ 093F24

■ 613F50

■ 033F21

■ 673F53

■ 003F1F

■ 6E3F56

# Harmonies

## Analogous

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



393E36



353F3A



323F3E

# Triad

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



353F3A



3A3C45



453A37

# Complementary

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



353F3A



3F353A

# 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.



463A3B



353F3A



403B43

# Square

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



353F3A



353E45



443A3F



433C35

# Rectangle

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



353F3A



323F41



443A3F



463A38



# Sweetspot

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



353F3A



4E5250



3A3F35



262928



A8A8A8



292929



# Same Dimension

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



353F3A



42524A



353F3F



1C1F1D



005E2F



00DE6F



# Inverse Universe

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



3F353A



52424A



3F3535



1F1C1D



5E002F

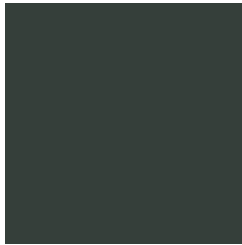


DE006F



# Previews

## White Background



This preview shows how the Hex color 353F3A looks on a white background.

## Color Contrast Check

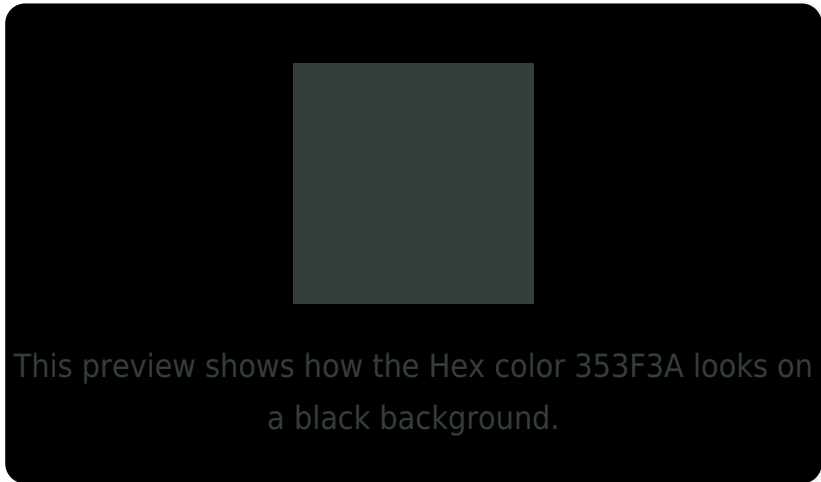
Large Text (above 18pt) WCAG AA ✓ Pass

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

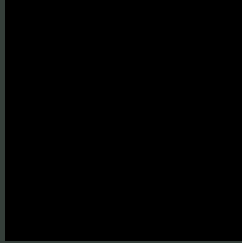
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

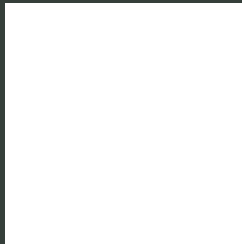
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 353F3A Background



This preview shows how black text looks on a background with the Hex color 353F3A.



This preview shows how white text looks on a background with the Hex color 353F3A.

# 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](#).

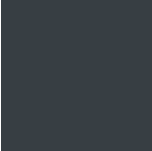
## Dichromacy



**Original Color**  
353F3A

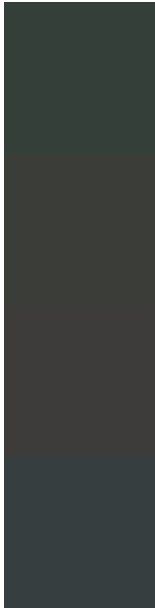
**Protanopia**  
3F3C39

**Deuteranopia**  
433B3B



**Tritanopia**  
373E43

# Trichromacy



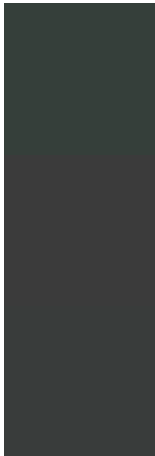
**Original Color**  
353F3A

**Protanomaly**  
3B3D39

**Deuteranomaly**  
3E3C3B

**Tritanomaly**  
363E40

# Monochromacy



**Original Color**  
353F3A

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
393C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 353F3A 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 #353F3A looks like.

```
.text, #text, p{  
    color:#353F3A  
}
```

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 #353F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353F3A
}
```

## Border

The CSS property to change the border of an element to Hex 353F3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

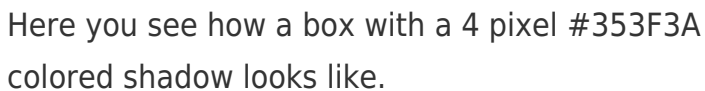
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353F3A }
```

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

```
.border{ border-color:#353F3A }
```

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



Here you see how a box with a 4 pixel #353F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353F3A; -webkit-box-shadow:4px 4px  
4px 4px #353F3A; box-shadow:4px 4px 4px  
4px #353F3A }
```

# Background

The CSS property to change the background color of an element to Hex 353F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353F3A }
```

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

```
.background{ background-color:#353F3A }
```

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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