

# Converting Colors

Hex(353D42)

Have a look what the booklet for  
Hex(353D42) contains.

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# Color

Hex(353D42)

# Conversions

## Conversions Part 1

Format	Color
Hex	353D42
RGB	53, 61, 66
RGB Percent	21%, 24%, 26%
CMY	0.7922, 0.7608, 0.7412
CMYK	0.20, 0.08, 0.00, 0.74
HSL	203°, 11%, 23%
HSV	203°, 20%, 26%
XYZ	4.1203, 4.4877, 5.8033
YIQ	59.1780, -6.3730, -0.1410

# Conversions

## Conversions Part 2

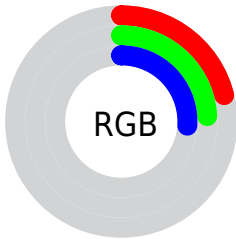
Format	Color
<b>R<sub>YB</sub></b>	53, 58, 66
Decimal	3489090
CIE Lab	25.22, -2.04, -4.19
CIE LCh	25, 4.663, 244.075
Yxy	4.4877, 0.2859, 0.3114
Android (android.graphics.Color)	4281679170 (0xFF353D42)
YUV	59.1780, 3.3632, -5.4181
Hunter-Lab	21.1842, -2.3544, -1.4132

# Details

The Hex color **353D42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423A35**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **646C72**, and **091318** is the 20% darker color. If you saturate the color by 10%, you get **2E3A42**, and if you desaturate by 10%, it is **3C4042**.

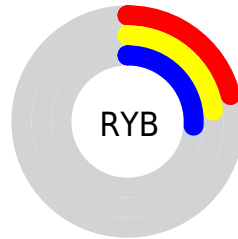
# Distribution



Red (21%)

Green (24%)

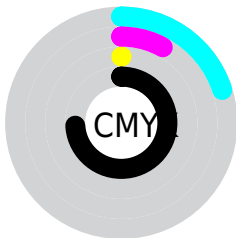
Blue (26%)



Red (21%)

Yellow (23%)

Blue (26%)

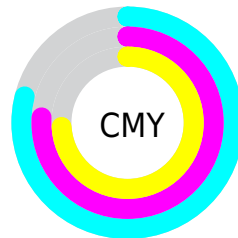


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (74%)



Cyan (79%)

Magenta (76%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 353D42 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 353D42 by changing the saturation by 10% instead.





353D42



353D42

FFFFFF



20272C



646C72



091318



7D868B



000000



97A0A6



B1BBC1



CDD6DD



E9F3F9



353D42



353D42



2E3A42



3C4042

■ 283842

■ 424242

■ 213542

■ 494542

■ 1B3342

■ 4F4742

■ 143042

■ 564A42

■ 0D2E42

■ 5D4C42

■ 072B42

■ 634F42

■ 002942

■ 6A5142

■ 705442

# Harmonies

## Analogous

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



333E40



353D42



393C43

# Triad

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



353D42



43393B



3A3D36

# Complementary

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



353D42



423A35

# 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.



3E3C35



353D42



433A38

# Square

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



353D42



413A3F



423B36



363E39

# Rectangle

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



353D42



3C3B42



423B36



3C3C35



# Sweetspot

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



353D42



515557



35423A



282A2B



ABABAB



2B2B2B



# Same Dimension

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



353D42



424F57



353742



1E2021



003C61



008AE0



# Inverse Universe

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



42353D



57424F



424035



211E20



61003C

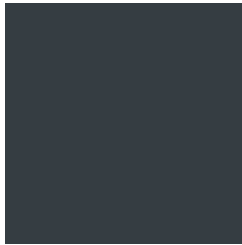


E0008A



# Previews

## White Background



This preview shows how the Hex color 353D42 looks on a white background.

## Color Contrast Check

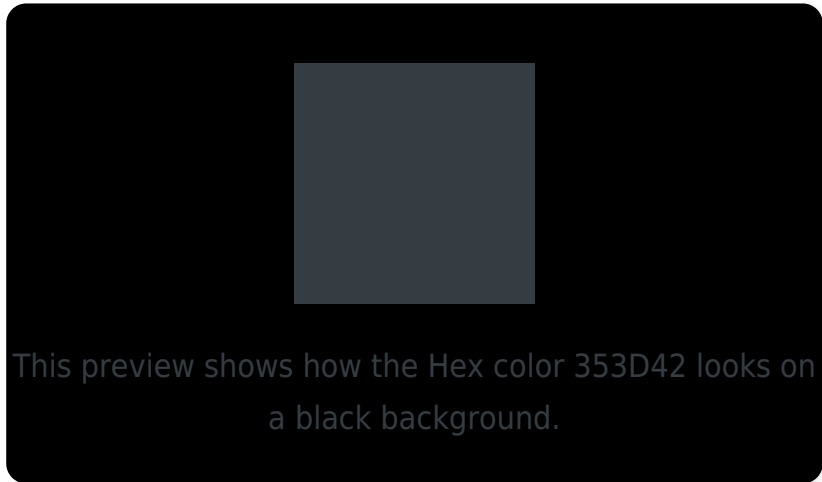
Large Text (above 18pt) WCAG AA ✓ Pass

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

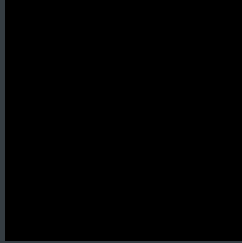
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 353D42 Background



This preview shows how black text looks on a background with the Hex color 353D42.

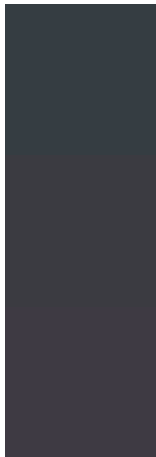


This preview shows how white text looks on a background with the Hex color 353D42.

# 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**  
353D42

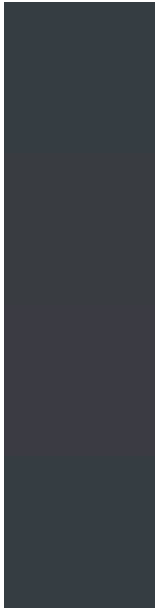
**Protanopia**  
3B3B41

**Deuteranopia**  
3E3A43



**Tritanopia**  
353D42

# Trichromacy



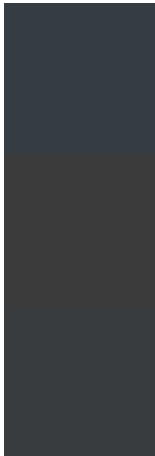
**Original Color**  
353D42

**Protanomaly**  
393C41

**Deuteranomaly**  
3B3B43

**Tritanomaly**  
353D42

# Monochromacy



**Original Color**  
353D42

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
393C3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 353D42 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 #353D42 looks like.

```
.text, #text, p{  
    color:#353D42  
}
```

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 #353D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353D42
}
```

## Border

The CSS property to change the border of an element to Hex 353D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

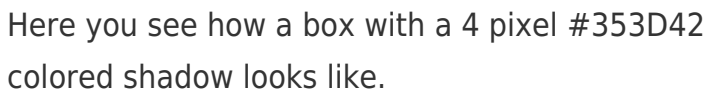
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353D42 }
```

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

```
.border{ border-color:#353D42 }
```

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



Here you see how a box with a 4 pixel #353D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353D42; -webkit-box-shadow:4px 4px  
4px 4px #353D42; box-shadow:4px 4px 4px  
4px #353D42 }
```

# Background

The CSS property to change the background color of an element to Hex 353D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353D42 }
```

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

```
.background{ background-color:#353D42 }
```

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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