

# Converting Colors

Hex(00353A)

Have a look what the booklet for  
Hex(00353A) contains.

<b>Hex(00353A)</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(00353A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00353A
RGB	0, 53, 58
RGB Percent	0%, 21%, 23%
CMY	1.0000, 0.7922, 0.7725
CMYK	1.00, 0.09, 0.00, 0.77
HSL	185°, 100%, 11%
HSV	185°, 100%, 23%
XYZ	2.0368, 2.8517, 4.4461
YIQ	37.7230, -33.1930, -9.6810

# Conversions

## Conversions Part 2

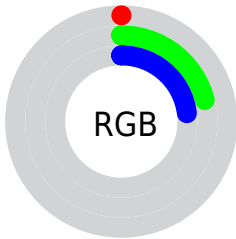
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 28, 58
Decimal	13626
CIE <sub>Lab</sub>	19.44, -13.88, -7.77
CIE <sub>LCh</sub>	19, 15.903, 209.237
Yxy	2.8517, 0.2182, 0.3055
Android (android.graphics.Color)	4278203706 (0xFF00353A)
YUV	37.7230, 9.9966, -33.0831
Hunter-Lab	16.8870, -8.0224, -3.7892

# Details

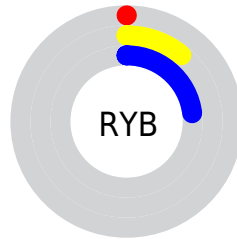
The Hex color **00353A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0500**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **376469**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **00353A**, and if you desaturate by 10%, it is **06353A**.

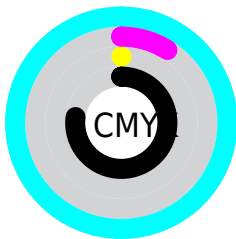
# Distribution



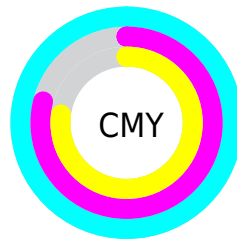
- Red (0%)
- Green (21%)
- Blue (23%)



- Red (0%)
- Yellow (11%)
- Blue (23%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (79%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00353A 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 00353A by changing the saturation by 10% instead.



 00353A

 00353A

 F3FFFF

 002024

 376469

 000110

 507D82

 000000

 6A979C

 84B2B7

 9ECDD3

 BAE9EF

 D6FFFF

 00353A

■ 06353A

■ 0C363A

■ 11373A

■ 17373A

■ 1D373A

■ 23383A

■ 29393A

■ 2E393A

■ 343A3A

# Harmonies

## Analogous

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



0D352E



00353A



083343

# Triad

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



00353A



3D283B



372E18

# Complementary

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



00353A



3A0500

# 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.



402A1C



00353A



452630

# Square

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



00353A



302C43



452724



2B321A

# Rectangle

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



00353A



173146



452724



3A2D18



# Sweetspot

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



00353A



364B4D



003A05



182526



A6A6A6



262626



# Same Dimension

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



00353A



00464D



00183A



191C1C



00545C



00C8DB



# Inverse Universe

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



3A0035



4D0046



3A2200



1C191C



5C0054



DB00C8



# Previews

## White Background



This preview shows how the Hex color 00353A looks on a white background.

### Color Contrast Check

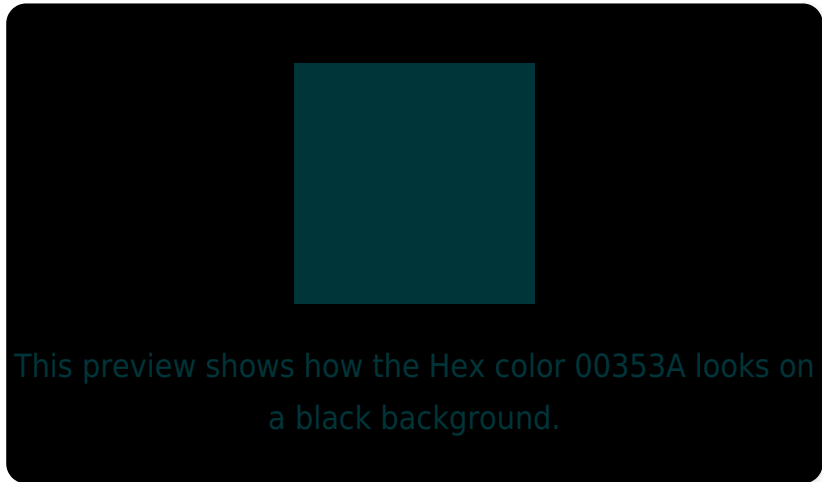
Large Text (above 18pt) WCAG AA ✓ Pass

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

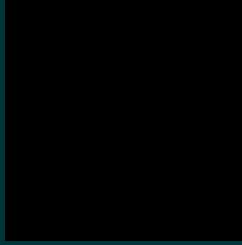
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

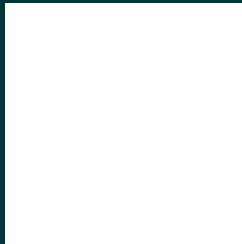
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00353A Background



This preview shows how black text looks on a background with the Hex color 00353A.



This preview shows how white text looks on a background with the Hex color 00353A.

# 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



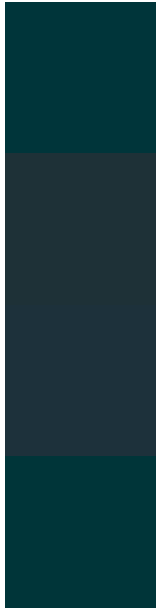
**Original Color**  
00353A

**Protanopia**  
2F2F36

**Deuteranopia**  
2E2F3B



# Trichromacy



**Original Color**  
00353A

**Protanomaly**  
1E3137

**Deuteranomaly**  
1D313B

**Tritanomaly**  
003539

# Monochromacy



**Original Color**  
00353A

**Achromatopsia**  
262626

**Achromatomaly**  
182B2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00353A 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 #00353A looks like.

```
.text, #text, p{  
    color:#00353A  
}
```

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 #00353A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00353A
}
```

## Border

The CSS property to change the border of an element to Hex 00353A 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
#00353A }
```

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

```
.border{ border-color:#00353A }
```

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

Here you see how a box with a 4 pixel #00353A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00353A; -webkit-box-shadow:4px 4px  
4px 4px #00353A; box-shadow:4px 4px 4px  
4px #00353A }
```

# Background

The CSS property to change the background color of an element to Hex 00353A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00353A }
```

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

```
.background{ background-color:#00353A }
```

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