

# Converting Colors

Hex(09353E)

Have a look what the booklet for  
Hex(09353E) contains.

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# Color

**Hex(09353E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09353E
RGB	9, 53, 62
RGB Percent	4%, 21%, 24%
CMY	0.9647, 0.7922, 0.7569
CMYK	0.85, 0.15, 0.00, 0.76
HSL	190°, 75%, 14%
HSV	190°, 85%, 24%
XYZ	2.2553, 2.9521, 5.0084
YIQ	40.8700, -29.1130, -6.5290

# Conversions

## Conversions Part 2

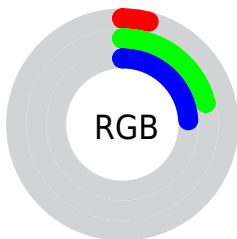
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 33, 62
Decimal	603454
CIE <sub>Lab</sub>	19.85, -10.85, -9.85
CIE <sub>LCh</sub>	20, 14.654, 222.222
Yxy	2.9521, 0.2208, 0.2890
Android (android.graphics.Color)	4278793534 (0xFF09353E)
YUV	40.8700, 10.4171, -27.9500
Hunter-Lab	17.1816, -6.6379, -5.2556

# Details

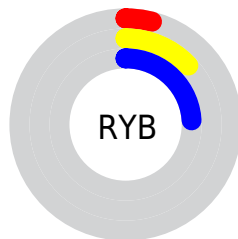
The Hex color **09353E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E1209**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3D646D**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **03343E**, and if you desaturate by 10%, it is **0F363E**.

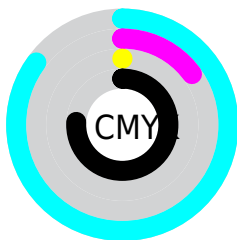
# Distribution



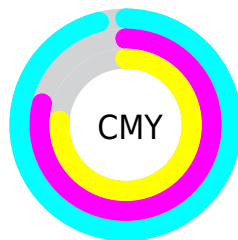
- Red (4%)
- Green (21%)
- Blue (24%)



- Red (4%)
- Yellow (13%)
- Blue (24%)



- Cyan (85%)
- Magenta (15%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (79%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09353E 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 09353E by changing the saturation by 10% instead.



 09353E

 09353E

 F9FFFF

 002028

 3D646D

 000114

 567D87

 000000

 6F97A1

 89B1BC

 A4CDD8

 C0E9F4

 DCFFFF

 09353E

 09353E

■ 03343E

■ 0F363E

■ 00333E

■ 15373E

■ 1C383E

■ 22393E

■ 283A3E

■ 2E3B3E

■ 343C3E

■ 3B3D3E

■ 413E3E

# Harmonies

## Analogous

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



0D3634



09353E



173344

# Triad

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



09353E



412937



33311B

# Complementary

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



09353E



3E1209

# 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.



3D2D1C



09353E



45282C

# Square

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



09353E



372C40



432A22



273420

# Rectangle

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



09353E



223145



432A22



36301A



# Sweetspot

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



09353E



3C4E52



093E12



1C2729



A8A8A8



292929



# Same Dimension

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



09353E



004452



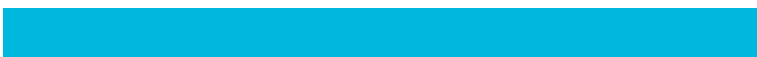
091B3E



1C1E1F



004E5E



00B8DE



# Inverse Universe

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



3E0935



520044



3E2C09



1F1C1E



5E004E

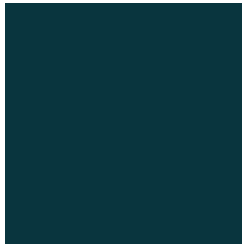


DE00B8



# Previews

## White Background



This preview shows how the Hex color 09353E looks on a white background.

## Color Contrast Check

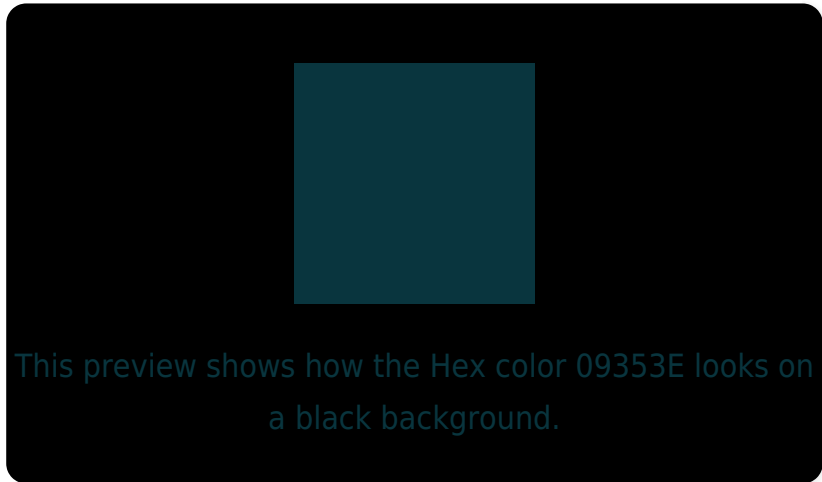
Large Text (above 18pt) WCAG AA ✓ Pass

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

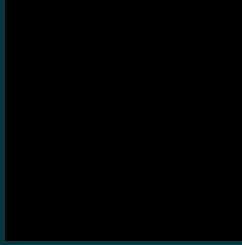
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 09353E Background



This preview shows how black text looks on a background with the Hex color 09353E.



This preview shows how white text looks on a background with the Hex color 09353E.

# 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**  
09353E

**Protanopia**  
2E303A

**Deuteranopia**  
2D2F3F



**Tritanopia**  
00363A

# Trichromacy



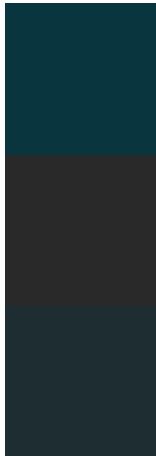
**Original Color**  
09353E

**Protanomaly**  
21323B

**Deuteranomaly**  
20313F

**Tritanomaly**  
03363B

# Monochromacy



**Original Color**  
09353E

**Achromatopsia**  
292929

**Achromatomaly**  
1D2D31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09353E 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 #09353E looks like.

```
.text, #text, p{  
    color:#09353E  
}
```

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 #09353E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09353E
}
```

## Border

The CSS property to change the border of an element to Hex 09353E 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".

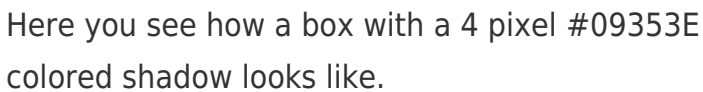
```
.border, #border, table{ border:4px solid
#09353E }
```

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

```
.border{ border-color:#09353E }
```

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

Here you see how a box with a 4 pixel #09353E colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09353E; -webkit-box-shadow:4px 4px  
4px 4px #09353E; box-shadow:4px 4px 4px  
4px #09353E }
```

# Background

The CSS property to change the background color of an element to Hex 09353E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09353E }
```

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

```
.background{ background-color:#09353E }
```

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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