

# Converting Colors

Hex(153E5E)

Have a look what the booklet for  
Hex(153E5E) contains.

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# Color

**Hex(153E5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	153E5E
RGB	21, 62, 94
RGB Percent	8%, 24%, 37%
CMY	0.9176, 0.7569, 0.6314
CMYK	0.78, 0.34, 0.00, 0.63
HSL	206°, 63%, 23%
HSV	206°, 78%, 37%
XYZ	4.0523, 4.4128, 11.2279
YIQ	53.3890, -34.7080, 1.2600

# Conversions

## Conversions Part 2

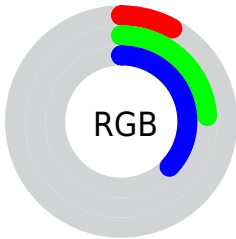
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 47, 94
Decimal	1392222
CIE <sub>Lab</sub>	24.99, -2.02, -23.11
CIE <sub>LCh</sub>	25, 23.199, 265.013
Yxy	4.4128, 0.2058, 0.2241
Android (android.graphics.Color)	4279582302 (0xFF153E5E)
YUV	53.3890, 20.0212, -28.4052
Hunter-Lab	21.0067, -2.3286, -16.9851

# Details

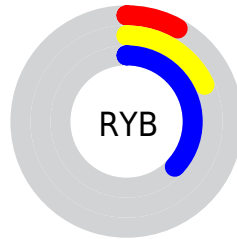
The Hex color **153E5E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E3515**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4B6D91**, and **001430** is the 20% darker color. If you saturate the color by 10%, you get **0C3A5E**, and if you desaturate by 10%, it is **1E425E**.

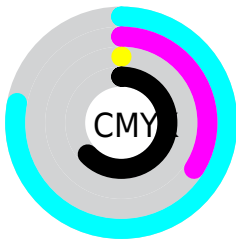
# Distribution



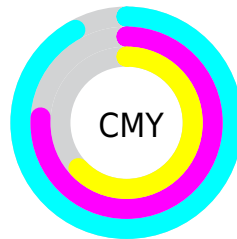
- Red (8%)
- Green (24%)
- Blue (37%)



- Red (8%)
- Yellow (18%)
- Blue (37%)



- Cyan (78%)
- Magenta (34%)
- Yellow (0%)
- Black (63%)



- Cyan (92%)
- Magenta (76%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 153E5E 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 153E5E by changing the saturation by 10% instead.



■ 153E5E

■ 153E5E

FFFFFF

■ 002846

■ 4B6D91

■ 001430

■ 6587AB

■ 00011B

■ 80A1C7

■ 000000

■ 9BBCE3

■ B6D7FF

■ D3F4FF

■ EFFFFFF

■ 153E5E

■ 153E5E

■ 0C3A5E

■ 1E425E

■ 02365E

■ 28465E

■ 00355E

■ 314A5E

■ 3B4E5E

■ 44535E

■ 4D575E

■ 575B5E

■ 605F5E

■ 6A635E

# Harmonies

## Analogous

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



004258



153E5E



38385B

# Triad

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



153E5E



5C2E2D



224226

# Complementary

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



153E5E



5E3515

# 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.



373F1A



153E5E



55331F

# Square

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



153E5E



5A2D3F



483918



004438

# Rectangle

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



153E5E



483354



483918



2A4122



# Sweetspot

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



153E5E



5E6E7A



155E35



2C363D



BDBDBD



3D3D3D



# Same Dimension

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



153E5E



09497A



151A5E



292C2E



003E6E



0085ED



# Inverse Universe

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



5E153E



7A0949



5E5915



2E292C



6E003E



ED0085



# Previews

## White Background



This preview shows how the Hex color 153E5E looks on a white background.

## Color Contrast Check

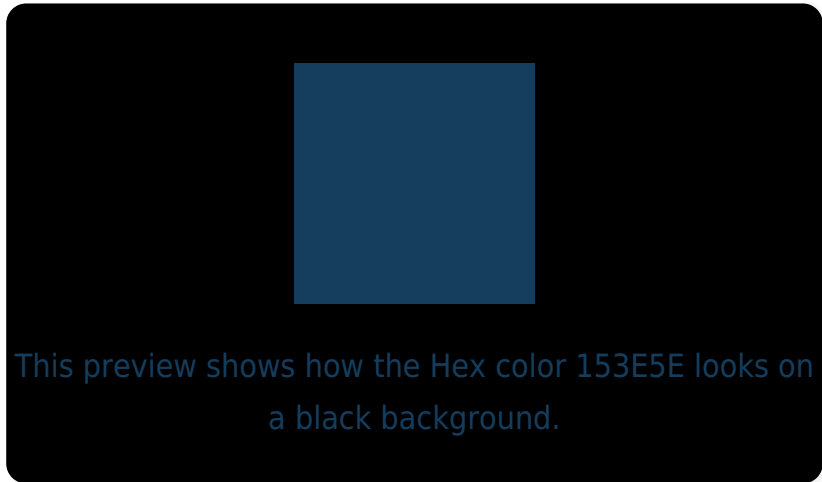
Large Text (above 18pt) WCAG AA ✓ Pass

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

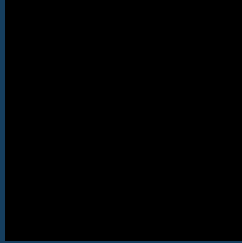
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 153E5E Background



This preview shows how black text looks on a background with the Hex color 153E5E.



This preview shows how white text looks on a background with the Hex color 153E5E.

# 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**  
153E5E

**Protanopia**  
303A5B

**Deuteranopia**  
273B5F



# Trichromacy



**Original Color**  
153E5E

**Protanomaly**  
263B5C

**Deuteranomaly**  
203C5F

**Tritanomaly**  
08414F

# Monochromacy



**Original Color**  
153E5E

**Achromatopsia**  
353535

**Achromatomaly**  
293844

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 153E5E 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 #153E5E looks like.

```
.text, #text, p{  
    color:#153E5E  
}
```

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 #153E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153E5E
}
```

## Border

The CSS property to change the border of an element to Hex 153E5E 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
#153E5E }
```

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

```
.border{ border-color:#153E5E }
```

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

Here you see how a box with a 4 pixel #153E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153E5E; -webkit-box-shadow:4px 4px  
4px 4px #153E5E; box-shadow:4px 4px 4px  
4px #153E5E }
```

# Background

The CSS property to change the background color of an element to Hex 153E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153E5E }
```

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

```
.background{ background-color:#153E5E }
```

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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