

# Converting Colors

Hex(153C6E)

Have a look what the booklet for  
Hex(153C6E) contains.

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# Color

Hex(153C6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	153C6E
RGB	21, 60, 110
RGB Percent	8%, 24%, 43%
CMY	0.9176, 0.7647, 0.5686
CMYK	0.81, 0.45, 0.00, 0.57
HSL	214°, 68%, 26%
HSV	214°, 81%, 43%
XYZ	4.7396, 4.5169, 15.3739
YIQ	54.0390, -39.2940, 7.2820

# Conversions

## Conversions Part 2

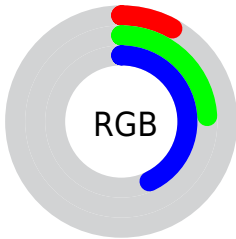
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 48, 110
Decimal	1391726
CIE Lab	25.31, 5.97, -32.92
CIE LCh	25, 33.455, 280.278
Yxy	4.5169, 0.1924, 0.1834
Android (android.graphics.Color)	4279581806 (0xFF153C6E)
YUV	54.0390, 27.5888, -28.9752
Hunter-Lab	21.2531, 2.6139, -28.0116

# Details

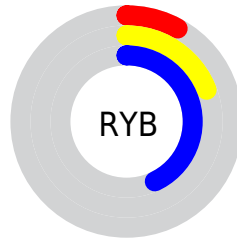
The Hex color **153C6E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6E4715**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4F6BA2**, and **00123E** is the 20% darker color. If you saturate the color by 10%, you get **0A366E**, and if you desaturate by 10%, it is **20426E**.

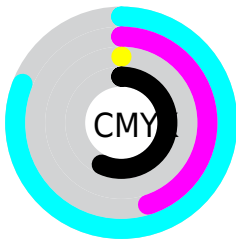
# Distribution



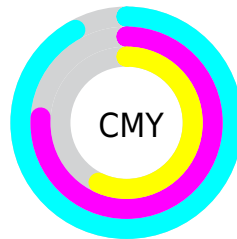
- Red (8%)
- Green (24%)
- Blue (43%)



- Red (8%)
- Yellow (19%)
- Blue (43%)



- Cyan (81%)
- Magenta (45%)
- Yellow (0%)
- Black (57%)



- Cyan (92%)
- Magenta (76%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 153C6E 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 153C6E by changing the saturation by 10% instead.





153C6E



153C6E

FFFFFF



002755



4F6BA2



00123E



6A84BD



000327



859ED9



000111



A0B9F6



000000



BDD4FF



D9F1FF



F6FFFF



153C6E



153C6E

■ 0A366E

■ 20426E

■ 00306E

■ 2B486E

■ 364F6E

■ 41556E

■ 4C5B6E

■ 57616E

■ 62676E

■ 6D6D6E

■ 78746E

# Harmonies

## Analogous

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



00436C



153C6E



483163

# Triad

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



153C6E



652A1C



00472A

# Complementary

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



153C6E



6E4715

# 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.



254412



153C6E



563509

# Square

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



153C6E



6A2334



413E03



004844

# Rectangle

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



153C6E



5B2A56



413E03



034622



# Sweetspot

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



153C6E



6D7C8F



156E46



333C47



C7C7C7



474747



# Same Dimension

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



153C6E



04418F



19156E



323538



003578



006CF7



# Inverse Universe

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



6E153C



8F0441



6A6E15



383235



780035



F7006C



# Previews

## White Background



This preview shows how the Hex color 153C6E looks on a white background.

## Color Contrast Check

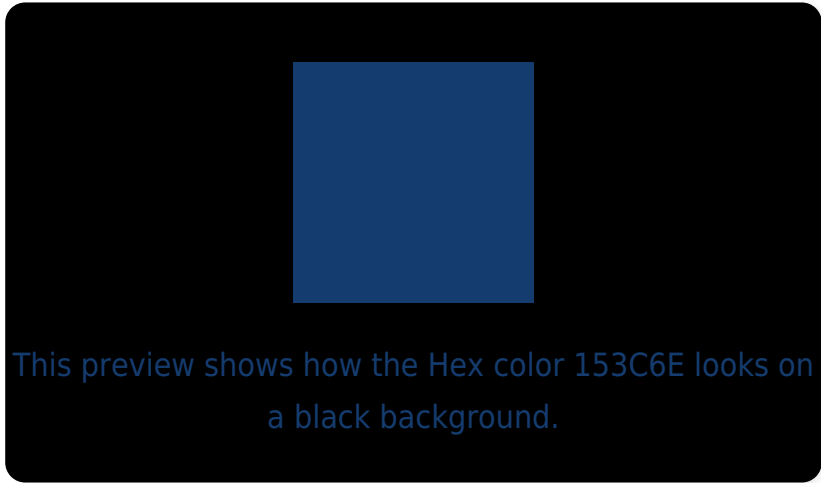
Large Text (above 18pt) WCAG AA ✓ Pass

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 153C6E Background



This preview shows how black text looks on a background with the Hex color 153C6E.



This preview shows how white text looks on a background with the Hex color 153C6E.

# 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





# Trichromacy



**Original Color**  
153C6E

**Protanomaly**  
1F3B6D

**Deuteranomaly**  
083D6D

**Tritanomaly**  
084055

# Monochromacy



**Original Color**  
153C6E

**Achromatopsia**  
363636

**Achromatomaly**  
2A384A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 153C6E 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 #153C6E looks like.

```
.text, #text, p{  
    color:#153C6E  
}
```

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 #153C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153C6E
}
```

## Border

The CSS property to change the border of an element to Hex 153C6E 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
#153C6E }
```

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

```
.border{ border-color:#153C6E }
```

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

Here you see how a box with a 4 pixel #153C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153C6E; -webkit-box-shadow:4px 4px  
4px 4px #153C6E; box-shadow:4px 4px 4px  
4px #153C6E }
```

# Background

The CSS property to change the background color of an element to Hex 153C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153C6E }
```

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

```
.background{ background-color:#153C6E }
```

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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