

Converting Colors

Hex(153A3F)

Have a look what the booklet for
Hex(153A3F) contains.

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Color

Hex(153A3F)

Conversions

Conversions Part 1

Format	Color
Hex	153A3F
RGB	21, 58, 63
RGB Percent	8%, 23%, 25%
CMY	0.9176, 0.7725, 0.7529
CMYK	0.67, 0.08, 0.00, 0.75
HSL	187°, 50%, 16%
HSV	187°, 67%, 25%
XYZ	2.7195, 3.5444, 5.2434
YIQ	47.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

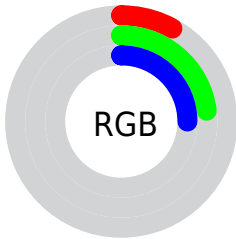
Format	Color
R_{YB}	21, 41, 63
Decimal	1391167
CIE Lab	22.10, -11.31, -7.07
CIE LCh	22, 13.340, 211.989
Yxy	3.5444, 0.2363, 0.3080
Android (android.graphics.Color)	4279581247 (0xFF153A3F)
YUV	47.5070, 7.6380, -23.2466
Hunter-Lab	18.8266, -7.1622, -3.3343

Details

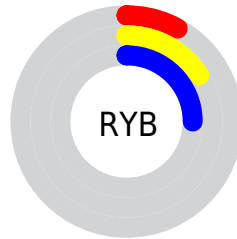
The Hex color **153A3F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1A15**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **45696F**, and **000F15** is the 20% darker color. If you saturate the color by 10%, you get **0F393F**, and if you desaturate by 10%, it is **1B3B3F**.

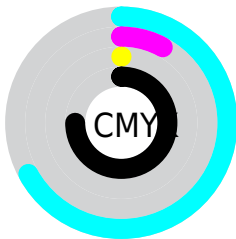
Distribution



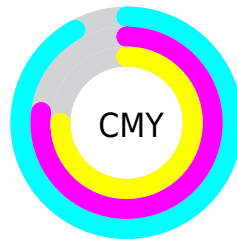
- Red (8%)
- Green (23%)
- Blue (25%)



- Red (8%)
- Yellow (16%)
- Blue (25%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (75%)



- Cyan (92%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153A3F 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 153A3F by changing the saturation by 10% instead.



153A3F



153A3F

FFFFFF



002429



45696F



000F15



5E8288



000000



779DA2



92B7BD



ADD3D9



C8EFF5



E5FFFF



153A3F



153A3F

■ 0F393F

■ 1B3B3F

■ 08383F

■ 223B3F

■ 02383F

■ 283C3F

■ 00373F

■ 2E3D3F

■ 353E3F

■ 3B3F3F

■ 413F3F

■ 47403F

■ 4E413F

Harmonies

Analogous

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



1A3A35



153A3F



1B3846

Triad

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



153A3F



422F3E



3B3421

Complementary

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



153A3F



3F1A15

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.



443124



153A3F



482E35

Square

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



153A3F



373246



482E2B



313724

Rectangle

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



153A3F



243748



482E2B



3E3321

Sweetspot

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



153A3F



415052



153F1A



1F2829



A8A8A8



292929

Same Dimension

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



153A3F



104A52



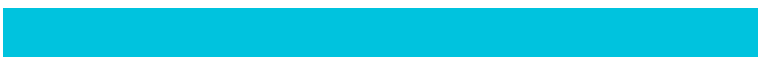
15253F



1C1E1F



00535E



00C3DE

Inverse Universe

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



3F153A



52104A



3F2F15



1F1C1E



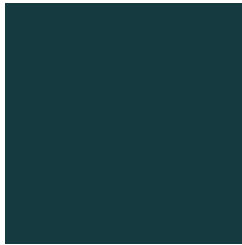
5E0053



DE00C3

Previews

White Background



This preview shows how the Hex color 153A3F looks on a white background.

Color Contrast Check

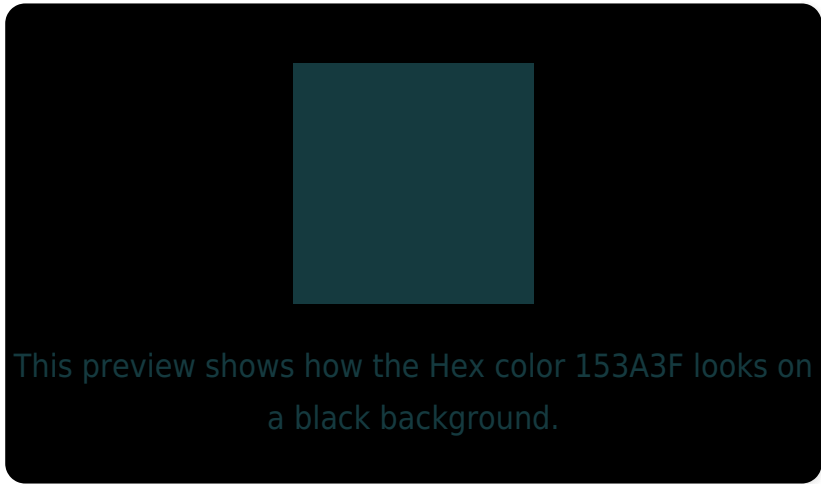
Large Text (above 18pt) WCAG AA ✓ Pass

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

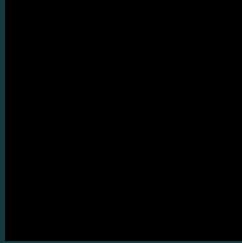
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

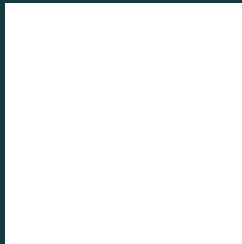
Any Text WCAG AAA × Fail

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

Hex 153A3F Background



This preview shows how black text looks on a background with the Hex color 153A3F.



This preview shows how white text looks on a background with the Hex color 153A3F.

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
153A3F

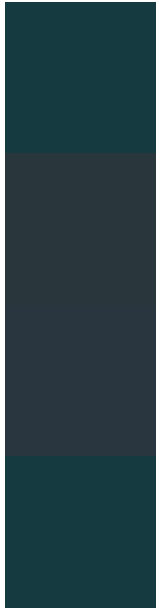
Protanopia
34343B

Deuteranopia
343440



Tritanopia
153A3F

Trichromacy



Original Color
153A3F

Protanomaly
29363C

Deuteranomaly
293640

Tritanomaly
153A3F

Monochromacy



Original Color
153A3F

Achromatopsia
303030

Achromatomaly
263435

CSS Examples

Text

The CSS property to change the color of the text to Hex 153A3F 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 #153A3F looks like.

```
.text, #text, p{  
    color:#153A3F  
}
```

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 #153A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153A3F
}
```

Border

The CSS property to change the border of an element to Hex 153A3F 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
#153A3F }
```

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

```
.border{ border-color:#153A3F }
```

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

Here you see how a box with a 4 pixel #153A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153A3F; -webkit-box-shadow:4px 4px  
4px 4px #153A3F; box-shadow:4px 4px 4px  
4px #153A3F }
```

Background

The CSS property to change the background color of an element to Hex 153A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153A3F }
```

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

```
.background{ background-color:#153A3F }
```

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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