

Converting Colors

Hex(0D153A)

Have a look what the booklet for
Hex(0D153A) contains.

Hex(0D153A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0D153A)

Conversions

Conversions Part 1

Format	Color
Hex	0D153A
RGB	13, 21, 58
RGB Percent	5%, 8%, 23%
CMY	0.9490, 0.9176, 0.7725
CMYK	0.78, 0.64, 0.00, 0.77
HSL	229°, 63%, 14%
HSV	229°, 78%, 23%
XYZ	1.1979, 0.9274, 4.1189
YIQ	22.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

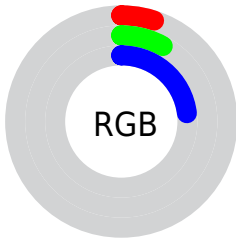
Format	Color
R_{YB}	13, 20, 58
Decimal	857402
CIE Lab	8.37, 11.31, -25.12
CIE LCh	8, 27.547, 294.238
Yxy	0.9274, 0.1918, 0.1485
Android (android.graphics.Color)	4279047482 (0xFF0D153A)
YUV	22.8260, 17.3408, -8.6174
Hunter-Lab	9.6301, 5.3506, -18.6177

Details

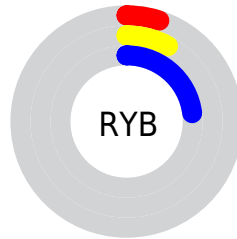
The Hex color **0D153A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A320D**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3E3F6A**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **07103A**, and if you desaturate by 10%, it is **131A3A**.

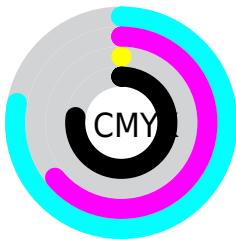
Distribution



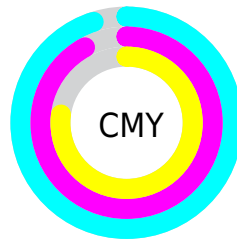
- Red (5%)
- Green (8%)
- Blue (23%)



- Red (5%)
- Yellow (8%)
- Blue (23%)



- Cyan (78%)
- Magenta (64%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D153A 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 0D153A by changing the saturation by 10% instead.

0D153A

0D153A

F8F5FF

000024

3E3F6A

00000C

565683

000000

6F6E9D

8988B8

A4A2D4

BFBDF0

DCD9FF

0D153A

0D153A

■ 07103A

■ 131A3A

■ 010B3A

■ 191F3A

■ 000A3A

■ 1E233A

■ 24283A

■ 2A2D3A

■ 30323A

■ 36363A

■ 3B3B3A

■ 41403A

Harmonies

Analogous

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



001C3D



0D153A



2A0B2E

Triad

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



0D153A



300E00



002214

Complementary

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



0D153A



3A320D

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.



002000



0D153A



231600

Square

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



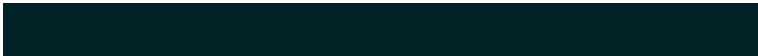
0D153A



380404



101C00



002227

Rectangle

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



0D153A



330423



101C00



00210B

Sweetspot

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



0D153A



3B3E4D



0D3A32



1C1D26



A6A6A6



262626

Same Dimension

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



0D153A



05124D



1B0D3A



191A1C



00105C



0027DB

Inverse Universe

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



3A0D15



4D0512



2C3A0D



1C191A



5C0010



DB0027

Previews

White Background



This preview shows how the Hex color 0D153A looks on a white background.

Color Contrast Check

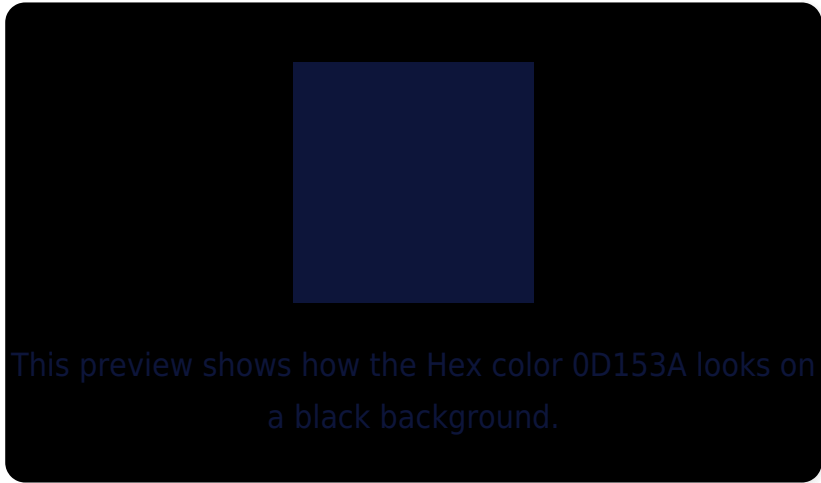
Large Text (above 18pt) WCAG AA ✓ Pass

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

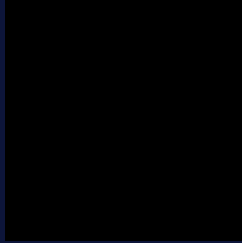
Any Text WCAG AA × Fail

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 0D153A Background



This preview shows how black text looks on a background with the Hex color 0D153A.



This preview shows how white text looks on a background with the Hex color 0D153A.

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
0D153A

Protanopia
001833

Tritanopia
001C1D

Trichromacy



Original Color
OD153A

Protanomaly
051736

Tritanomaly
051928

Monochromacy



Original Color
OD153A

Achromatopsia
171717

Achromatomaly
131624

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D153A 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 #0D153A looks like.

```
.text, #text, p{  
    color:#0D153A  
}
```

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 #0D153A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D153A
}
```

Border

The CSS property to change the border of an element to Hex 0D153A 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
#0D153A }
```

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

```
.border{ border-color:#0D153A }
```

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

Here you see how a box with a 4 pixel #0D153A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D153A; -webkit-box-shadow:4px 4px  
4px 4px #0D153A; box-shadow:4px 4px 4px  
4px #0D153A }
```

Background

The CSS property to change the background color of an element to Hex 0D153A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D153A }
```

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

```
.background{ background-color:#0D153A }
```

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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