

Converting Colors

Hex(00155C)

Have a look what the booklet for
Hex(00155C) contains.

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Color

Hex(00155C)

Conversions

Conversions Part 1

Format	Color
Hex	00155C
RGB	0, 21, 92
RGB Percent	0%, 8%, 36%
CMY	1.0000, 0.9176, 0.6392
CMYK	1.00, 0.77, 0.00, 0.64
HSL	226°, 100%, 18%
HSV	226°, 100%, 36%
XYZ	2.1999, 1.3090, 10.2619
YIQ	22.8150, -35.3070, 17.6290

Conversions

Conversions Part 2

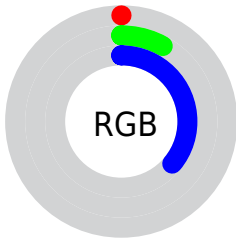
Format	Color
RYB	0, 17, 92
Decimal	5468
CIELab	11.34, 24.65, -43.88
CIELCh	11, 50.333, 299.329
Yxy	1.3090, 0.1598, 0.0951
Android (android.graphics.Color)	4278195548 (0xFF00155C)
YUV	22.8150, 34.1082, -20.0088
Hunter-Lab	11.4413, 14.2996, -45.1694

Details

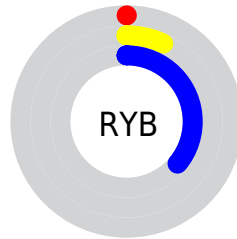
The Hex color **00155C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5C4700**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **43408F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **00155C**, and if you desaturate by 10%, it is **091C5C**.

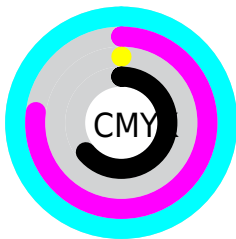
Distribution



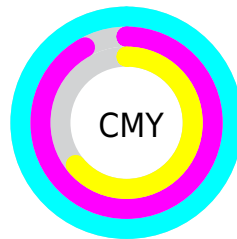
- Red (0%)
- Green (8%)
- Blue (36%)



- Red (0%)
- Yellow (7%)
- Blue (36%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00155C 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 00155C by changing the saturation by 10% instead.

 00155C

 00155C

 FFF7FF

 000044

 43408F

 00032D

 5E57AA

 000117

 796FC6

 000000

 9489E2

 B0A3FF

 CDBEFF

 EADAFF

 00155C

■ 091C5C

■ 12235C

■ 1C2A5C

■ 25315C

■ 2E395C

■ 37405C

■ 40475C

■ 4A4E5C

■ 53555C

Harmonies

Analogous

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



002465



00155C



430042

Triad

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



00155C



410900



002C1C

Complementary

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



00155C



5C4700

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.



002A00



00155C



281D00

Square

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



00155C



520000



002500



002C40

Rectangle

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



00155C



51002C



002500



002C0F

Sweetspot

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



00155C



545C78



005C47



272C3D



BDBDBD



3D3D3D

Same Dimension

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



00155C



001B78



19005C



292A2E



00196E



0036ED

Inverse Universe

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



5C0015



78001B



435C00



2E292A



6E0019



ED0036

Previews

White Background



This preview shows how the Hex color 00155C looks on a white background.

Color Contrast Check

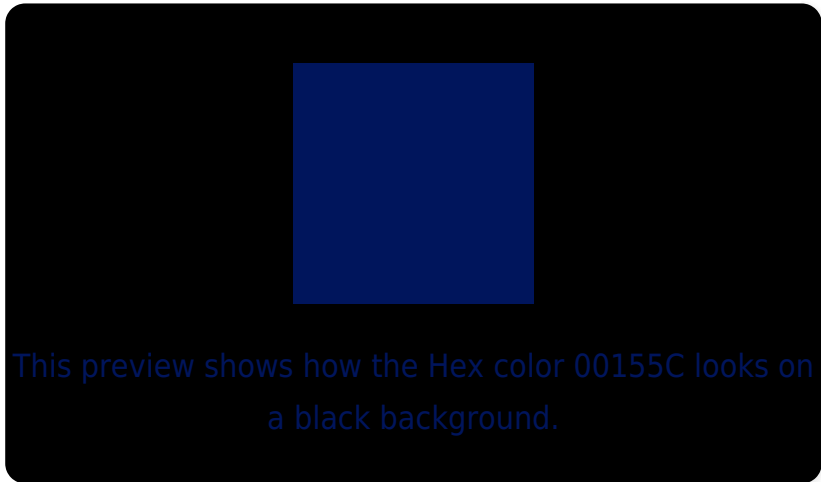
Large Text (above 18pt) WCAG AA ✓ Pass

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

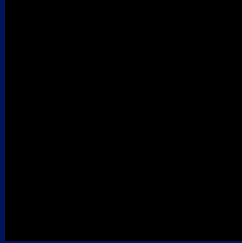
Any Text WCAG AA × Fail

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 00155C Background



This preview shows how black text looks on a background with the Hex color 00155C.



This preview shows how white text looks on a background with the Hex color 00155C.

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
00155C

Protanopia
001F41

Deuteranopia
002138

Trichromacy



Original Color
00155C

Protanomaly
001B4B

Deuteranomaly
001D45

Tritanomaly
001F3A

Monochromacy



Original Color
00155C

Achromatopsia
171717

Achromatomaly
0F1630

CSS Examples

Text

The CSS property to change the color of the text to Hex 00155C 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 #00155C looks like.

```
.text, #text, p{  
    color:#00155C  
}
```

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 #00155C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00155C
}
```

Border

The CSS property to change the border of an element to Hex 00155C 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".

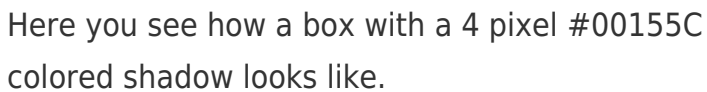
```
.border, #border, table{ border:4px solid
#00155C }
```

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

```
.border{ border-color:#00155C }
```

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

Here you see how a box with a 4 pixel #00155C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00155C; -webkit-box-shadow:4px 4px  
4px 4px #00155C; box-shadow:4px 4px 4px  
4px #00155C }
```

Background

The CSS property to change the background color of an element to Hex 00155C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00155C }
```

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

```
.background{ background-color:#00155C }
```

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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