

Converting Colors

Hex(00152F)

Have a look what the booklet for
Hex(00152F) contains.

Hex(00152F)	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>	29

Color

Hex(00152F)

Conversions

Conversions Part 1

Format	Color
Hex	00152F
RGB	0, 21, 47
RGB Percent	0%, 8%, 18%
CMY	1.0000, 0.9176, 0.8157
CMYK	1.00, 0.55, 0.00, 0.82
HSL	213°, 100%, 9%
HSV	213°, 100%, 18%
XYZ	0.7813, 0.7416, 2.7913
YIQ	17.6850, -20.8620, 3.6340

Conversions

Conversions Part 2

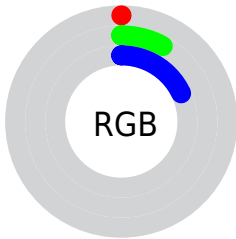
Format	Color
R_{YB}	0, 15, 47
Decimal	5423
CIE _{Lab}	6.70, 3.13, -19.84
CIE _{LCh}	7, 20.082, 278.968
Yxy	0.7416, 0.1811, 0.1719
Android (android.graphics.Color)	4278195503 (0xFF00152F)
YUV	17.6850, 14.4523, -15.5097
Hunter-Lab	8.6114, 1.1241, -13.1901

Details

The Hex color **00152F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F1A00**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **303F5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00152F**, and if you desaturate by 10%, it is **05182F**.

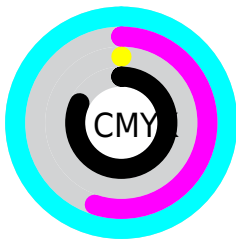
Distribution



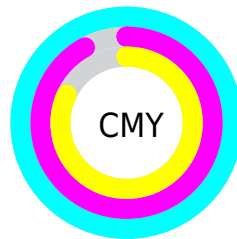
- Red (0%)
- Green (8%)
- Blue (18%)



- Red (0%)
- Yellow (6%)
- Blue (18%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (92%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00152F 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 00152F by changing the saturation by 10% instead.

■ 00152F

■ 00152F

■ E8F5FF

■ 00011A

■ 303F5D

■ 000000

■ 485676

■ 616F90

■ 7A88AA

■ 94A2C6

■ AFBDE2

■ CBD9FE

■ 00152F

■ 05182F

■ 091A2F

■ 0E1D2F

■ 131F2F

■ 18222F

■ 1C252F

■ 21272F

■ 262A2F

■ 2A2C2F

Harmonies

Analogous

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



00192D



00152F



1B0F2A

Triad

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



00152F



2B0A00



001C06

Complementary

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



00152F



2F1A00

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.



051A00



00152F



231000

Square

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



00152F



2D0711



181600



001D19

Rectangle

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



00152F



240B23



181600



001B00

Sweetspot

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



00152F



2B333D



002F1A



14191F



9E9E9E



1F1F1F

Same Dimension

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



00152F



001B3D



02002F



151617



002757



0060D6

Inverse Universe

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



2F0015



3D001B



2D2F00



171516



570027



D60060

Previews

White Background



This preview shows how the Hex color 00152F looks on a white background.

Color Contrast Check

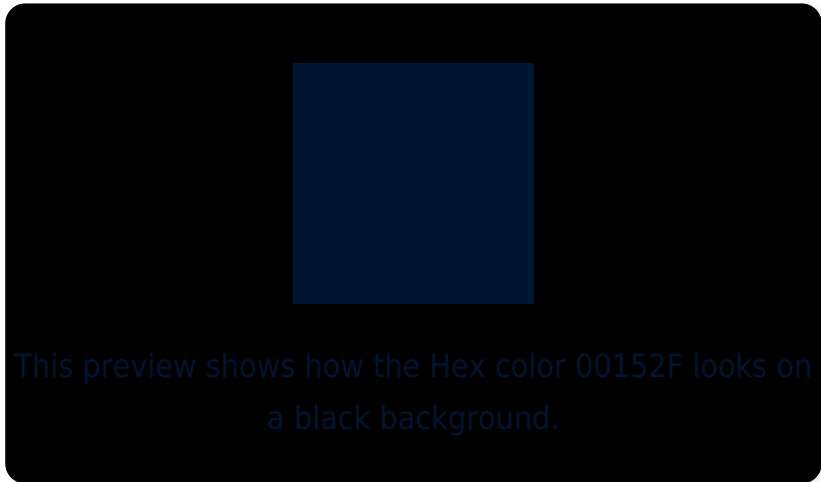
Large Text (above 18pt) WCAG AA ✓ Pass

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

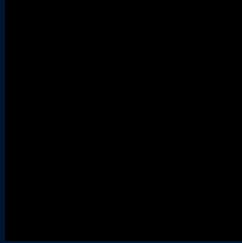
Any Text WCAG AA × Fail

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 00152F Background



This preview shows how black text looks on a background with the Hex color 00152F.



This preview shows how white text looks on a background with the Hex color 00152F.

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
00152F

Protanopia
00152D

Deuteranopia
001727



Tritanopia
00191A

Trichromacy



Original Color
00152F

Protanomaly
00152E

Deuteranomaly
00162A

Tritanomaly
001822

Monochromacy



Original Color
00152F

Achromatopsia
121212

Achromatomaly
0B131D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00152F 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 #00152F looks like.

```
.text, #text, p{  
    color:#00152F  
}
```

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 #00152F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00152F
}
```

Border

The CSS property to change the border of an element to Hex 00152F is called "border". The border property can be set on classes, ids or directly on the HTML element.

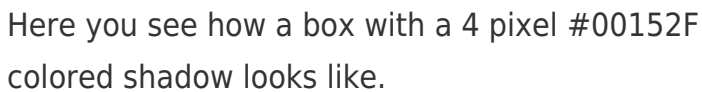
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00152F }
```

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

```
.border{ border-color:#00152F }
```

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



Here you see how a box with a 4 pixel #00152F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00152F; -webkit-box-shadow:4px 4px  
4px 4px #00152F; box-shadow:4px 4px 4px  
4px #00152F }
```

Background

The CSS property to change the background color of an element to Hex 00152F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00152F }
```

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

```
.background{ background-color:#00152F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor