

Converting Colors

Hex(00154B)

Have a look what the booklet for
Hex(00154B) contains.

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Color

Hex(00154B)

Conversions

Conversions Part 1

Format	Color
Hex	00154B
RGB	0, 21, 75
RGB Percent	0%, 8%, 29%
CMY	1.0000, 0.9176, 0.7059
CMYK	1.00, 0.72, 0.00, 0.71
HSL	223°, 100%, 15%
HSV	223°, 100%, 29%
XYZ	1.5382, 1.0443, 6.7771
YIQ	20.8770, -29.8500, 12.3420

Conversions

Conversions Part 2

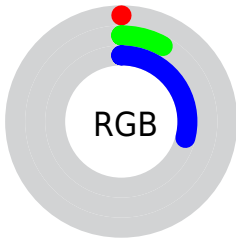
Format	Color
RYB	0, 16, 75
Decimal	5451
CIELab	9.36, 17.18, -35.54
CIELCh	9, 39.479, 295.797
Yxy	1.0443, 0.1643, 0.1116
Android (android.graphics.Color)	4278195531 (0xFF00154B)
YUV	20.8770, 26.6826, -18.3091
Hunter-Lab	10.2192, 8.9835, -32.1660

Details

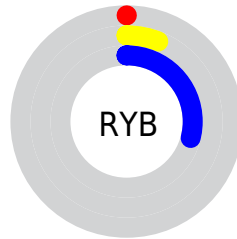
The Hex color **00154B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4B3600**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3C3F7D**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **00154B**, and if you desaturate by 10%, it is **071A4B**.

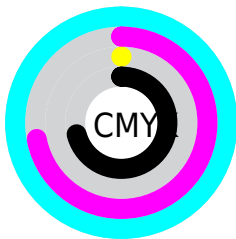
Distribution



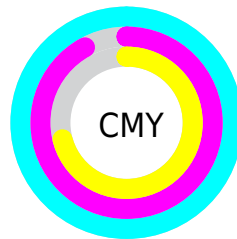
- Red (0%)
- Green (8%)
- Blue (29%)



- Red (0%)
- Yellow (6%)
- Blue (29%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00154B 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 00154B by changing the saturation by 10% instead.

■ 00154B

■ 00154B

■ FBF5FF

■ 000034

■ 3C3F7D

■ 00021E

■ 565697

■ 000000

■ 706EB2

■ 8B88CD

■ A6A2EA

■ C2BDFF

■ DED9FF

■ 00154B

■ 071A4B

■ 0F204B

■ 17254B

■ 1E2B4B

■ 26304B

■ 2D354B

■ 353B4B

■ 3C404B

■ 44464B

Harmonies

Analogous

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



001F50



00154B



350039

Triad

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



00154B



380900



002615

Complementary

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



00154B



4B3600

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.



002400



00154B



251800

Square

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



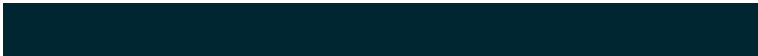
00154B



450000



072000



002631

Rectangle

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



00154B



410028



072000



002609

Sweetspot

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



00154B



444C61



004B36



1F2430



B0B0B0



303030

Same Dimension

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



00154B



001B61



10004B



222326



001D66



0040E6

Inverse Universe

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



4B0015



61001B



3B4B00



262223



66001D



E60040

Previews

White Background



This preview shows how the Hex color 00154B looks on a white background.

Color Contrast Check

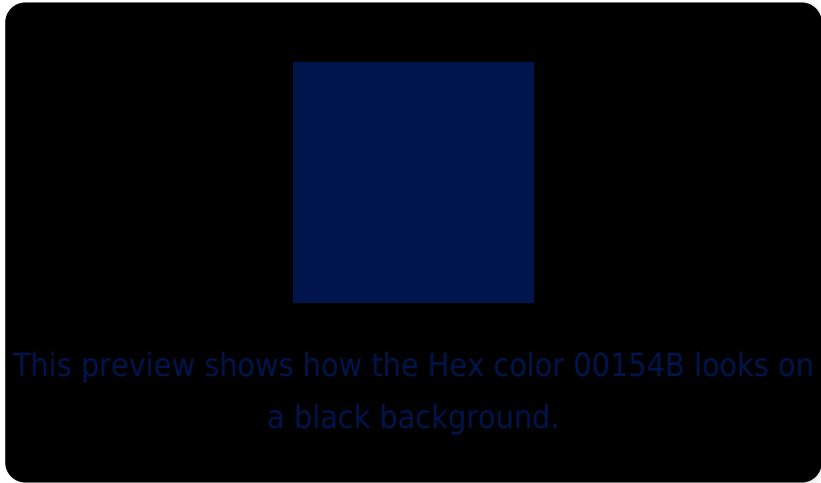
Large Text (above 18pt) WCAG AA ✓ Pass

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

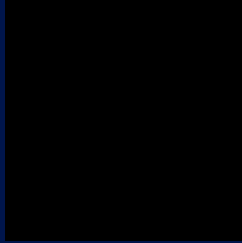
Any Text WCAG AA × Fail

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 00154B Background



This preview shows how black text looks on a background with the Hex color 00154B.



This preview shows how white text looks on a background with the Hex color 00154B.

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
00154B

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
001F21

Trichromacy



Original Color
00154B

Protanomaly
001940

Deuteranomaly
001A3A

Tritanomaly
001B30

Monochromacy



Original Color
00154B

Achromatopsia
151515

Achromatomaly
0D1529

CSS Examples

Text

The CSS property to change the color of the text to Hex 00154B 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 #00154B looks like.

```
.text, #text, p{  
    color:#00154B  
}
```

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 #00154B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00154B
}
```

Border

The CSS property to change the border of an element to Hex 00154B 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
#00154B }
```

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

```
.border{ border-color:#00154B }
```

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

Here you see how a box with a 4 pixel #00154B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00154B; -webkit-box-shadow:4px 4px  
4px 4px #00154B; box-shadow:4px 4px 4px  
4px #00154B }
```

Background

The CSS property to change the background color of an element to Hex 00154B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00154B }
```

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

```
.background{ background-color:#00154B }
```

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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