

# Converting Colors

Hex(00144B)

Have a look what the booklet for  
Hex(00144B) contains.

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# Color

**Hex(00144B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00144B
RGB	0, 20, 75
RGB Percent	0%, 8%, 29%
CMY	1.0000, 0.9216, 0.7059
CMYK	1.00, 0.73, 0.00, 0.71
HSL	224°, 100%, 15%
HSV	224°, 100%, 29%
XYZ	1.5202, 1.0083, 6.7711
YIQ	20.2900, -29.5750, 12.8650

# Conversions

## Conversions Part 2

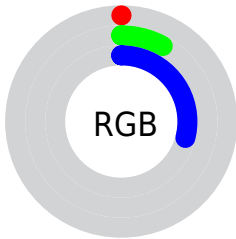
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 16, 75
Decimal	5195
CIELab	9.06, 17.96, -36.03
CIElCh	9, 40.256, 296.491
Yxy	1.0083, 0.1635, 0.1084
Android (android.graphics.Color)	4278195275 (0xFF00144B)
YUV	20.2900, 26.9720, -17.7943
Hunter-Lab	10.0415, 9.4501, -32.9511

# Details

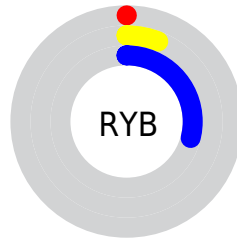
The Hex color **00144B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4B3700**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3C3E7D**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **00144B**, and if you desaturate by 10%, it is **07194B**.

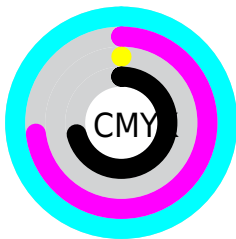
# Distribution



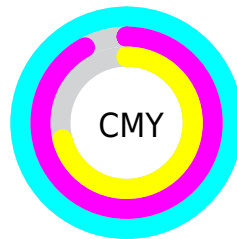
- Red (0%)
- Green (8%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (71%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00144B 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 00144B by changing the saturation by 10% instead.



 00144B

 00144B

 FCF4FF

 000034

 3C3E7D

 00021E

 565597

 000000

 706DB2

 8B87CD

 A6A1EA

 C2BCFF

 DFD7FF

 00144B

■ 07194B

■ 0F1F4B

■ 17254B

■ 1E2A4B

■ 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.



001F51



00144B



350038

# Triad

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



00144B



380900



002615

# Complementary

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



00144B



4B3700

# 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



00144B



241800

# Square

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



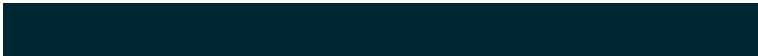
00144B



440000



041F00



002631

# Rectangle

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



00144B



410027



041F00



002608



# Sweetspot

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



00144B



444C61



004B37



1F2430



B0B0B0



303030



# Same Dimension

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



00144B



001A61



12004B



222326



001B66



003DE6



# Inverse Universe

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



4B0014



61001A



3A4B00



262223



66001B



E6003D



# Previews

## White Background



This preview shows how the Hex color 00144B looks on a white background.

## Color Contrast Check

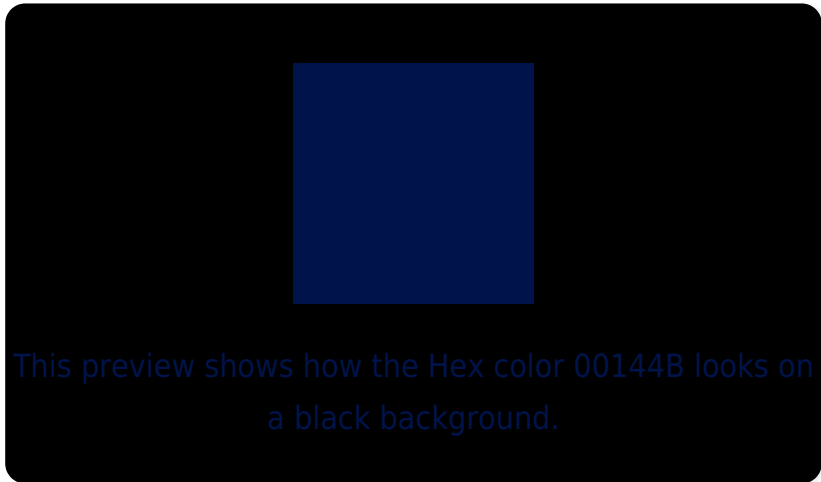
Large Text (above 18pt) WCAG AA ✓ Pass

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

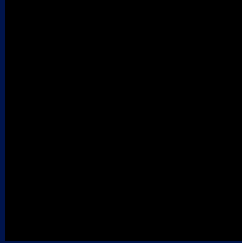
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00144B Background



This preview shows how black text looks on a background with the Hex color 00144B.



This preview shows how white text looks on a background with the Hex color 00144B.

# 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**  
00144B

**Protanopia**  
001B38

**Deuteranopia**  
001C30

# Trichromacy



**Original Color**

00144B

**Protanomaly**

00183F

**Deuteranomaly**

00193A

# Monochromacy



**Original Color**

00144B

**Achromatopsia**

141414

**Achromatomaly**

0D1428

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00144B 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 #00144B looks like.

```
.text, #text, p{  
    color:#00144B  
}
```

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 #00144B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00144B
}
```

## Border

The CSS property to change the border of an element to Hex 00144B 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
#00144B }
```

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

```
.border{ border-color:#00144B }
```

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

Here you see how a box with a 4 pixel #00144B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00144B; -webkit-box-shadow:4px 4px  
4px 4px #00144B; box-shadow:4px 4px 4px  
4px #00144B }
```

# Background

The CSS property to change the background color of an element to Hex 00144B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00144B }
```

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

```
.background{ background-color:#00144B }
```

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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