

# Converting Colors

Hex(04174C)

Have a look what the booklet for  
Hex(04174C) contains.

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# Color

**Hex(04174C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04174C
RGB	4, 23, 76
RGB Percent	2%, 9%, 30%
CMY	0.9843, 0.9098, 0.7020
CMYK	0.95, 0.70, 0.00, 0.70
HSL	224°, 90%, 16%
HSV	224°, 95%, 30%
XYZ	1.6610, 1.1604, 6.9739
YIQ	23.3610, -28.3370, 12.4550

# Conversions

## Conversions Part 2

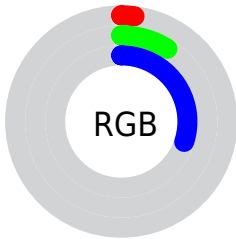
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 19, 76
Decimal	268108
CIE <sub>Lab</sub>	10.26, 16.55, -34.74
CIE <sub>LCh</sub>	10, 38.483, 295.476
Yxy	1.1604, 0.1696, 0.1185
Android (android.graphics.Color)	4278458188 (0xFF04174C)
YUV	23.3610, 25.9510, -16.9796
Hunter-Lab	10.7722, 8.6716, -30.8437

# Details

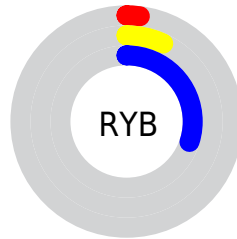
The Hex color **04174C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4C3904**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3E417E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **00144C**, and if you desaturate by 10%, it is **0C1D4C**.

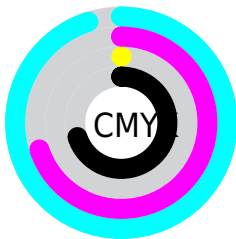
# Distribution



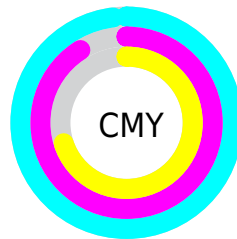
- Red (2%)
- Green (9%)
- Blue (30%)



- Red (2%)
- Yellow (7%)
- Blue (30%)



- Cyan (95%)
- Magenta (70%)
- Yellow (0%)
- Black (70%)



- Cyan (98%)
- Magenta (91%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04174C 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 04174C by changing the saturation by 10% instead.



04174C

04174C

FEF8FF

000035

3E417E

00021F

585998

000002

7271B3

000000

8D8ACE

A8A5EB

C4C0FF

E1DCFF

04174C

04174C

■ 00144C

■ 0C1D4C

■ 13224C

■ 1B284C

■ 222D4C

■ 2A334C

■ 32394C

■ 393E4C

■ 41444C

■ 48494C

# Harmonies

## Analogous

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



002151



04174C



36033A

# Triad

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



04174C



3A0C00



002817

# Complementary

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



04174C



4C3904

# 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.



002500



04174C



281A00

# Square

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



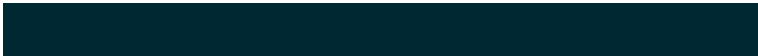
04174C



460000



0D2100



002832

# Rectangle

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



04174C



42002A



0D2100



00270C



# Sweetspot

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



04174C



484F63



044C39



222633



B3B3B3



333333



# Same Dimension

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



04174C



001A63



15044C



222326



001B66



003DE6



# Inverse Universe

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



4C0417



63001A



3B4C04



262223



66001B



E6003D



# Previews

## White Background



This preview shows how the Hex color 04174C looks on a white background.

## Color Contrast Check

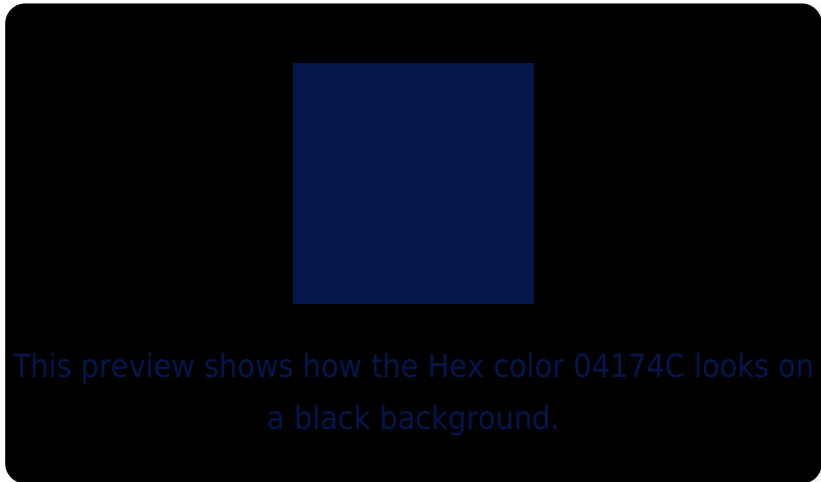
Large Text (above 18pt) WCAG AA ✓ Pass

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

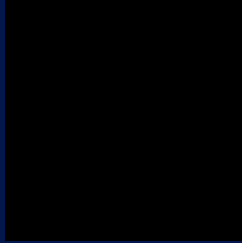
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 04174C Background



This preview shows how black text looks on a background with the Hex color 04174C.



This preview shows how white text looks on a background with the Hex color 04174C.

# 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**  
04174C

**Protanopia**  
001C3C

**Deuteranopia**  
001E33



# Trichromacy



**Original Color**  
04174C

**Protanomaly**  
011A42

**Deuteranomaly**  
011B3C

**Tritanomaly**  
011D31

# Monochromacy



**Original Color**  
04174C

**Achromatopsia**  
171717

**Achromatomaly**  
10172A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04174C 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 #04174C looks like.

```
.text, #text, p{  
    color:#04174C  
}
```

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 #04174C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04174C
}
```

## Border

The CSS property to change the border of an element to Hex 04174C is called "border". The border property can be set on classes, ids or directly on the HTML element.

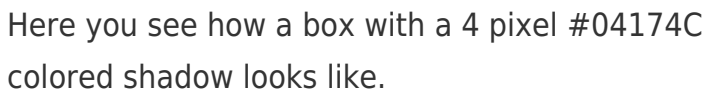
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04174C }
```

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

```
.border{ border-color:#04174C }
```

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



Here you see how a box with a 4 pixel #04174C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04174C; -webkit-box-shadow:4px 4px  
4px 4px #04174C; box-shadow:4px 4px 4px  
4px #04174C }
```

# Background

The CSS property to change the background color of an element to Hex 04174C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04174C }
```

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

```
.background{ background-color:#04174C }
```

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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