

Converting Colors

Hex(0C1E4B)

Have a look what the booklet for
Hex(0C1E4B) contains.

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Color

Hex(0C1E4B)

Conversions

Conversions Part 1

Format	Color
Hex	0C1E4B
RGB	12, 30, 75
RGB Percent	5%, 12%, 29%
CMY	0.9529, 0.8824, 0.7059
CMYK	0.84, 0.60, 0.00, 0.71
HSL	223°, 72%, 17%
HSV	223°, 84%, 29%
XYZ	1.8859, 1.5147, 6.8496
YIQ	29.7480, -25.1730, 10.1790

Conversions

Conversions Part 2

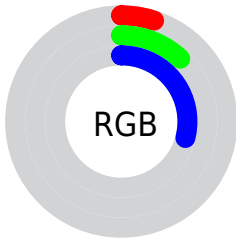
Format	Color
R _Y B	12, 26, 75
Decimal	794187
CIE Lab	12.70, 11.65, -30.06
CIE LCh	13, 32.236, 291.185
Yxy	1.5147, 0.1840, 0.1478
Android (android.graphics.Color)	4278984267 (0xFF0C1E4B)
YUV	29.7480, 22.3092, -15.5650
Hunter-Lab	12.3074, 5.8142, -24.3823

Details

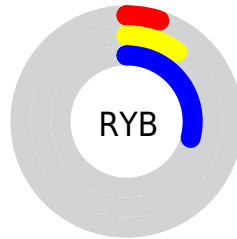
The Hex color **0C1E4B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B390C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **41497C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **05194B**, and if you desaturate by 10%, it is **14234B**.

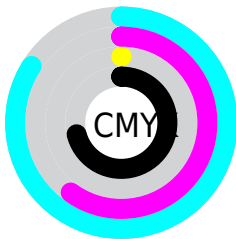
Distribution



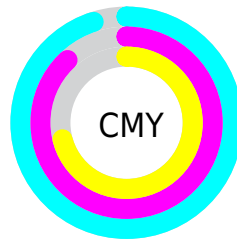
- Red (5%)
- Green (12%)
- Blue (29%)



- Red (5%)
- Yellow (10%)
- Blue (29%)



- Cyan (84%)
- Magenta (60%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1E4B 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 0C1E4B by changing the saturation by 10% instead.

0C1E4B

0C1E4B

FFFFFF

000534

41497C

00021E

5B6196

000001

757AB1

000000

8F93CD

AAAE9

C6C9FF

E3E5FF

0C1E4B

0C1E4B

■ 05194B

■ 14234B

■ 00154B

■ 1B294B

■ 232E4B

■ 2A334B

■ 31394B

■ 393E4B

■ 41444B

■ 48494B

■ 504E4B

Harmonies

Analogous

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



00264D



0C1E4B



35123D

Triad

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



0C1E4B



3F1300



002A19

Complementary

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



0C1E4B



4B390C

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.



002800



0C1E4B



301E00

Square

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



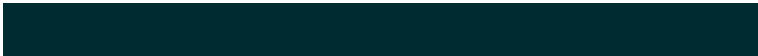
0C1E4B



470612



1C2400



002B30

Rectangle

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



0C1E4B



410930



1C2400



002A11

Sweetspot

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



0C1E4B



495061



0C4B38



222630



B0B0B0



303030

Same Dimension

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



0C1E4B



001C61



190C4B



222426



001D66



0042E6

Inverse Universe

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



4B0C1E



61001C



3E4B0C



262224



66001D



E60042

Previews

White Background



This preview shows how the Hex color 0C1E4B looks on a white background.

Color Contrast Check

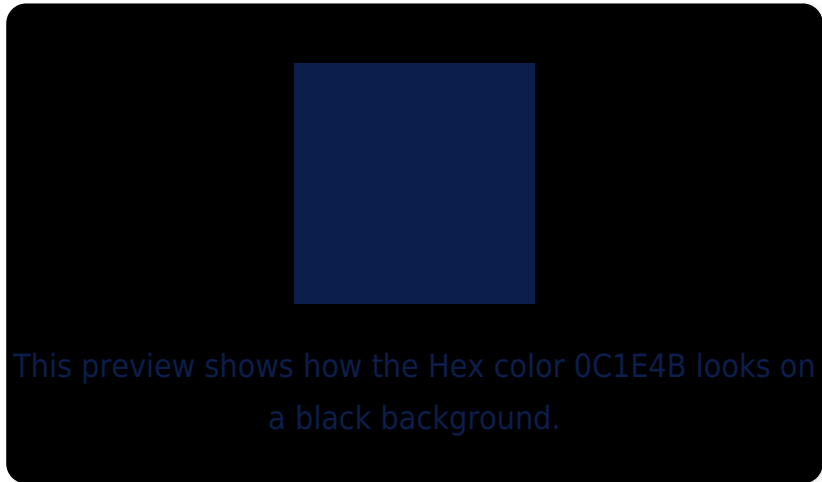
Large Text (above 18pt) WCAG AA ✓ Pass

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

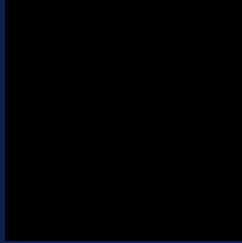
Any Text WCAG AA × Fail

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 0C1E4B Background



This preview shows how black text looks on a background with the Hex color 0C1E4B.



This preview shows how white text looks on a background with the Hex color 0C1E4B.

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
0C1E4B

Deuteranopia
00223B

Tritanopia
002528

Trichromacy



Original Color
0C1E4B

Deuteranomaly
042141

Tritanomaly
042235

Monochromacy



Original Color
0C1E4B

Achromatopsia
1E1E1E

Achromatomaly
171E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1E4B 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 #0C1E4B looks like.

```
.text, #text, p{  
    color:#0C1E4B  
}
```

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 #0C1E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1E4B
}
```

Border

The CSS property to change the border of an element to Hex 0C1E4B 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
#0C1E4B }
```

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

```
.border{ border-color:#0C1E4B }
```

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

Here you see how a box with a 4 pixel #0C1E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1E4B; -webkit-box-shadow:4px 4px  
4px 4px #0C1E4B; box-shadow:4px 4px 4px  
4px #0C1E4B }
```

Background

The CSS property to change the background color of an element to Hex 0C1E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1E4B }
```

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

```
.background{ background-color:#0C1E4B }
```

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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