

Converting Colors

Hex(0D124B)

Have a look what the booklet for
Hex(0D124B) contains.

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Color

Hex(0D124B)

Conversions

Conversions Part 1

Format	Color
Hex	0D124B
RGB	13, 18, 75
RGB Percent	5%, 7%, 29%
CMY	0.9490, 0.9294, 0.7059
CMYK	0.83, 0.76, 0.00, 0.71
HSL	235°, 70%, 17%
HSV	235°, 83%, 29%
XYZ	1.6523, 1.0262, 6.7676
YIQ	23.0030, -21.2770, 16.6670

Conversions

Conversions Part 2

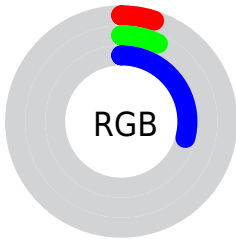
Format	Color
RYB	13, 18, 75
Decimal	856651
CIELab	9.21, 20.87, -35.76
CIELCh	9, 41.407, 300.268
Yxy	1.0262, 0.1749, 0.1086
Android (android.graphics.Color)	4279046731 (0xFF0D124B)
YUV	23.0030, 25.6345, -8.7726
Hunter-Lab	10.1300, 11.3871, -32.5189

Details

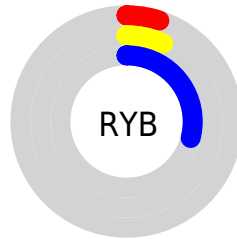
The Hex color **0D124B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4B460D**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **433C7D**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **050B4B**, and if you desaturate by 10%, it is **14194B**.

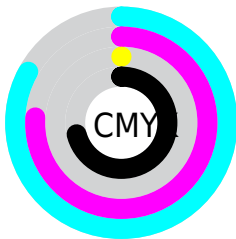
Distribution



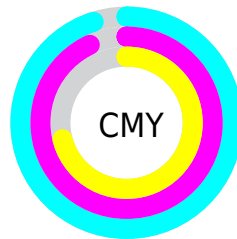
- Red (5%)
- Green (7%)
- Blue (29%)



- Red (5%)
- Yellow (7%)
- Blue (29%)



- Cyan (83%)
- Magenta (76%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D124B 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 0D124B by changing the saturation by 10% instead.

■ 0D124B

■ 0D124B

■ FFF2FF

■ 000034

■ 433C7D

■ 00021E

■ 5D5397

■ 000000

■ 776CB2

■ 9285CD

■ AD9FEA

■ C9BAFF

■ E6D6FF

■ 0D124B

■ 0D124B

■ 050B4B

■ 14194B

■ 00064B

■ 1C204B

■ 23274B

■ 2B2E4B

■ 33344B

■ 3A3B4B

■ 42424B

■ 49494B

■ 51504B

Harmonies

Analogous

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



001E53



0D124B



390036

Triad

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



0D124B



360B00



002619

Complementary

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



0D124B



4B460D

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



0D124B



221900

Square

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



0D124B



440000



002000



002636

Rectangle

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



0D124B



440024



002000



00260E

Sweetspot

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



0D124B



494B61



0D4B46



222330



B0B0B0



303030

Same Dimension

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



0D124B



010961



270D4B



222326



000866



0013E6

Inverse Universe

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



4B0D12



610109



314B0D



262223



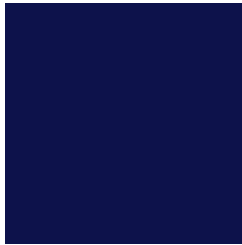
660008



E60013

Previews

White Background



This preview shows how the Hex color 0D124B looks on a white background.

Color Contrast Check

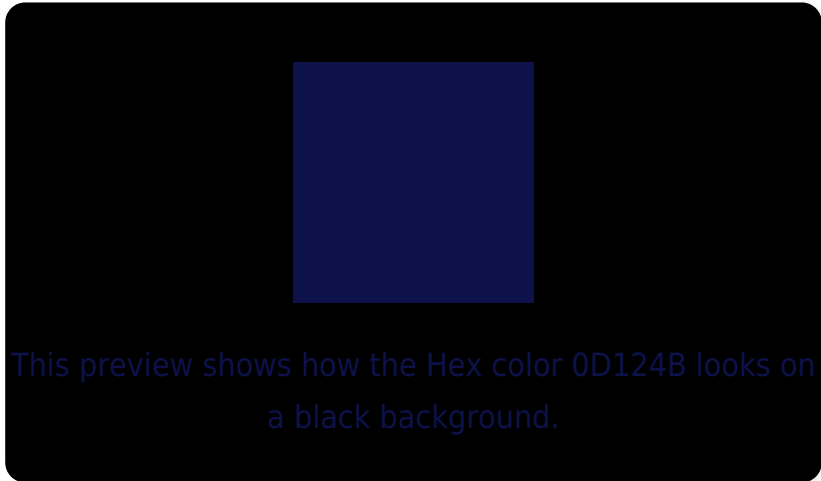
Large Text (above 18pt) WCAG AA ✓ Pass

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

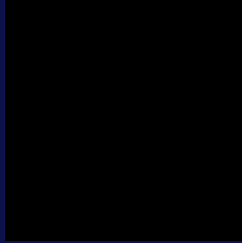
Any Text WCAG AA × Fail

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 0D124B Background



This preview shows how black text looks on a background with the Hex color 0D124B.



This preview shows how white text looks on a background with the Hex color 0D124B.

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
0D124B

Protanopia
001A37

Deuteranopia
001C2F



Tritanopia
001E20

Trichromacy



Original Color
0D124B

Protanomaly
05173E

Deuteranomaly
051839

Tritanomaly
051A30

Monochromacy



Original Color
0D124B

Achromatopsia
171717

Achromatomaly
13152A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D124B 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 #0D124B looks like.

```
.text, #text, p{  
    color:#0D124B  
}
```

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 #0D124B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D124B
}
```

Border

The CSS property to change the border of an element to Hex 0D124B 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
#0D124B }
```

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

```
.border{ border-color:#0D124B }
```

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

Here you see how a box with a 4 pixel #0D124B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D124B; -webkit-box-shadow:4px 4px  
4px 4px #0D124B; box-shadow:4px 4px 4px  
4px #0D124B }
```

Background

The CSS property to change the background color of an element to Hex 0D124B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D124B }
```

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

```
.background{ background-color:#0D124B }
```

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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