

Converting Colors

Hex(0D2423)

Have a look what the booklet for
Hex(0D2423) contains.

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Color

Hex(0D2423)

Conversions

Conversions Part 1

Format	Color
Hex	0D2423
RGB	13, 36, 35
RGB Percent	5%, 14%, 14%
CMY	0.9490, 0.8588, 0.8627
CMYK	0.64, 0.00, 0.03, 0.86
HSL	177°, 47%, 10%
HSV	177°, 64%, 14%
XYZ	1.1002, 1.4687, 1.8156
YIQ	29.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

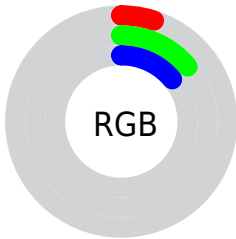
Format	Color
R_{YB}	13, 25, 36
Decimal	861219
CIE _{Lab}	12.41, -9.34, -2.12
CIE _{LCh}	12, 9.577, 192.772
Yxy	1.4687, 0.2509, 0.3350
Android (android.graphics.Color)	4279051299 (0xFF0D2423)
YUV	29.0090, 2.9536, -14.0399
Hunter-Lab	12.1189, -5.0026, -0.3994

Details

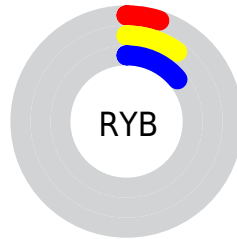
The Hex color **0D2423** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240D0E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **39514F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092423**, and if you desaturate by 10%, it is **112423**.

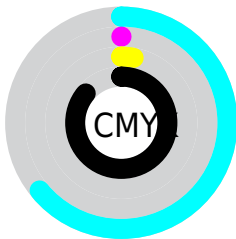
Distribution



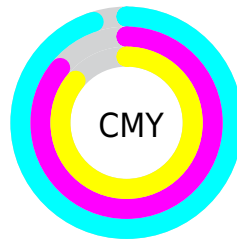
- Red (5%)
- Green (14%)
- Blue (14%)



- Red (5%)
- Yellow (10%)
- Blue (14%)



- Cyan (64%)
- Magenta (0%)
- Yellow (3%)
- Black (86%)



- Cyan (95%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2423 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 0D2423 by changing the saturation by 10% instead.

■ 0D2423

■ 0D2423

■ F0FFFF

■ 000F0D

■ 39514F

■ 000000

■ 506967

■ 698280

■ 829C9A

■ 9CB7B5

■ B8D3D1

■ D3EFED

■ 0D2423

■ 0D2423

■ 092423

■ 112423

■ 062423

■ 142423

■ 022423

■ 182423

■ 002422

■ 1B2424

■ 1F2424

■ 232424

■ 262424

■ 2A2424

■ 2D2424

Harmonies

Analogous

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



13241C



0D2423



0C2329

Triad

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



0D2423



251E2A



281F14

Complementary

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



0D2423



240D0E

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.



2C1D18



0D2423



2B1C24

Square

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



0D2423



1C202D



2E1B1E



222113

Rectangle

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



0D2423



10232C



2E1B1E



2A1E15

Sweetspot

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



0D2423



252E2E



0E240D



121717



969696



171717

Same Dimension

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



0D2423



0B2E2C



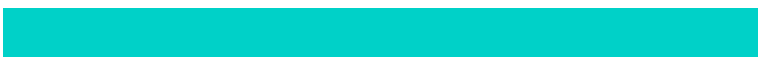
0D1A24



101212



00524E



00D1C8

Inverse Universe

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



240D0E



2E0B0C



24170D



121010



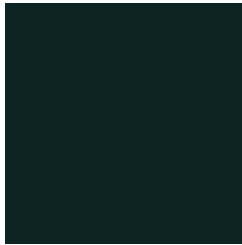
520004



D10009

Previews

White Background



This preview shows how the Hex color 0D2423 looks on a white background.

Color Contrast Check

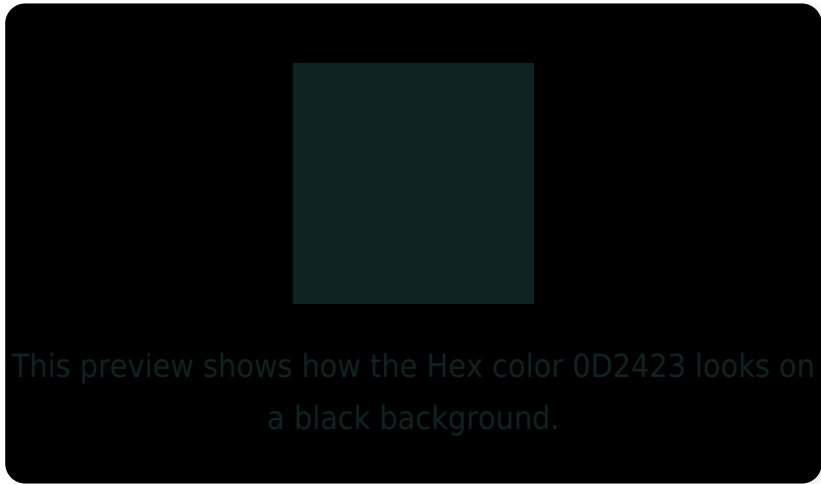
Large Text (above 18pt) WCAG AA ✓ Pass

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

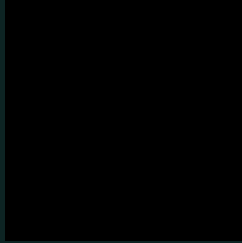
Any Text WCAG AA × Fail

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 0D2423 Background



This preview shows how black text looks on a background with the Hex color 0D2423.



This preview shows how white text looks on a background with the Hex color 0D2423.

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
0D2423

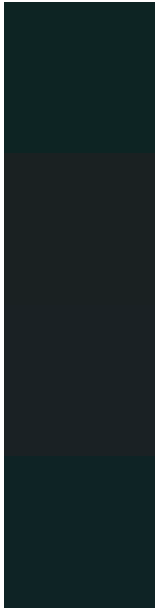
Protanopia
212021

Deuteranopia
222024



Tritanopia
0F2326

Trichromacy



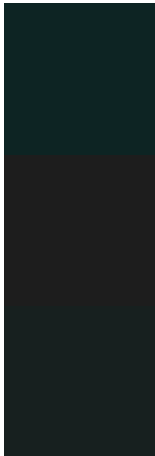
Original Color
0D2423

Protanomaly
1A2122

Deuteranomaly
1A2124

Tritanomaly
0E2325

Monochromacy



Original Color
0D2423

Achromatopsia
1D1D1D

Achromatomaly
17201F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2423 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 #0D2423 looks like.

```
.text, #text, p{  
    color:#0D2423  
}
```

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 #0D2423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2423
}
```

Border

The CSS property to change the border of an element to Hex 0D2423 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
#0D2423 }
```

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

```
.border{ border-color:#0D2423 }
```

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

Here you see how a box with a 4 pixel #0D2423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2423; -webkit-box-shadow:4px 4px  
4px 4px #0D2423; box-shadow:4px 4px 4px  
4px #0D2423 }
```

Background

The CSS property to change the background color of an element to Hex 0D2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2423 }
```

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

```
.background{ background-color:#0D2423 }
```

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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