

Converting Colors

Hex(0C2D24)

Have a look what the booklet for
Hex(0C2D24) contains.

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Color

Hex(0C2D24)

Conversions

Conversions Part 1

Format	Color
Hex	0C2D24
RGB	12, 45, 36
RGB Percent	5%, 18%, 14%
CMY	0.9529, 0.8235, 0.8588
CMYK	0.73, 0.00, 0.20, 0.82
HSL	164°, 58%, 11%
HSV	164°, 73%, 18%
XYZ	1.4084, 2.0823, 1.9968
YIQ	34.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

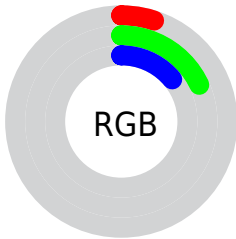
Format	Color
R_{YB}	12, 31, 45
Decimal	797988
CIE Lab	15.91, -14.75, 2.28
CIE LCh	16, 14.922, 171.205
Yxy	2.0823, 0.2567, 0.3795
Android (android.graphics.Color)	4278988068 (0xFF0C2D24)
YUV	34.1070, 0.9332, -19.3878
Hunter-Lab	14.4302, -7.8306, 1.8970

Details

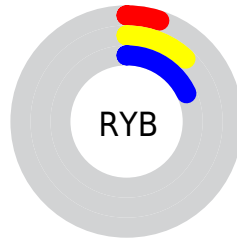
The Hex color **0C2D24** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0C15**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3A5B50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072D23**, and if you desaturate by 10%, it is **102D25**.

Distribution



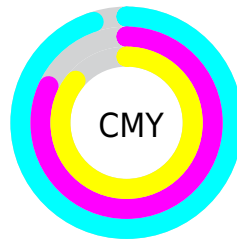
- Red (5%)
- Green (18%)
- Blue (14%)



- Red (5%)
- Yellow (12%)
- Blue (18%)



- Cyan (73%)
- Magenta (0%)
- Yellow (20%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2D24 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 0C2D24 by changing the saturation by 10% instead.

 0C2D24

 0C2D24

 F2FFFF

 00190F

 3A5B50

 000000

 527468

 6A8D82

 84A89C

 9EC3B6

 BADFD2

 D6FCEE

 0C2D24

 0C2D24

■ 072D23

■ 102D25

■ 032D22

■ 152D26

■ 002D21

■ 1A2D28

■ 1E2D29

■ 232D2A

■ 272D2B

■ 2C2D2D

■ 302D2E

■ 352D2F

Harmonies

Analogous

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



1B2C1A



0C2D24



002D2F

Triad

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



0C2D24



24263B



392218

Complementary

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



0C2D24



2D0C15

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.



3C2020



0C2D24



322235

Square

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



0C2D24



122A3C



3A202B



312613

Rectangle

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



0C2D24



002D35



3A202B



3A211A

Sweetspot

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



0C2D24



2E3B37



152D0C



171F1C



9E9E9E



1F1F1F

Same Dimension

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



0C2D24



073B2D



0C262D



151716



00573F



00D69C

Inverse Universe

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



2D0C15



3B0715



2D130C



171515



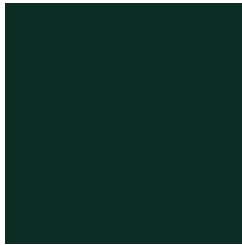
570018



D6003A

Previews

White Background



This preview shows how the Hex color 0C2D24 looks on a white background.

Color Contrast Check

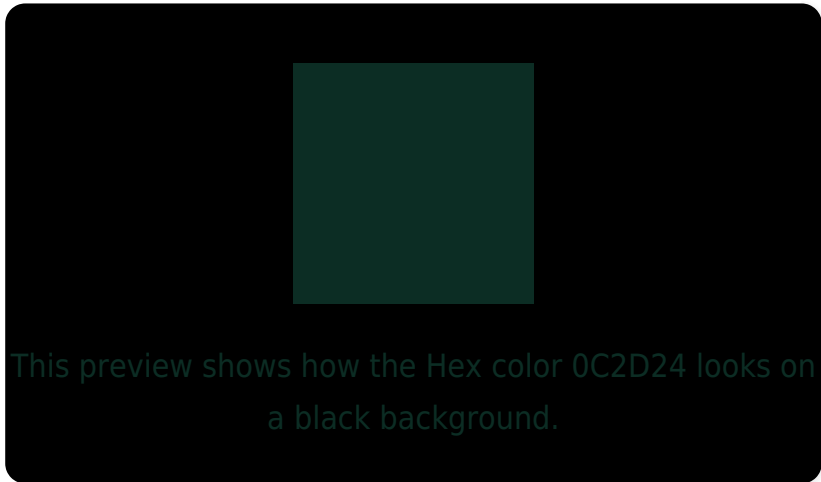
Large Text (above 18pt) WCAG AA ✓ Pass

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

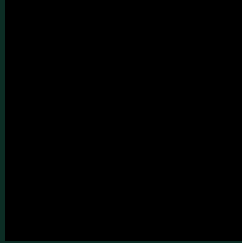
Any Text WCAG AA × Fail

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 0C2D24 Background



This preview shows how black text looks on a background with the Hex color 0C2D24.



This preview shows how white text looks on a background with the Hex color 0C2D24.

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
0C2D24

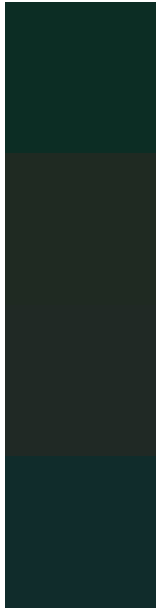
Protanopia
2A2821

Deuteranopia
2C2625



Tritanopia
122B2F

Trichromacy



Original Color
0C2D24

Protanomaly
1F2A22

Deuteranomaly
202925

Tritanomaly
102C2B

Monochromacy



Original Color
0C2D24

Achromatopsia
222222

Achromatomaly
1A2623

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2D24 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 #0C2D24 looks like.

```
.text, #text, p{  
    color:#0C2D24  
}
```

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 #0C2D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2D24
}
```

Border

The CSS property to change the border of an element to Hex 0C2D24 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
#0C2D24 }
```

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

```
.border{ border-color:#0C2D24 }
```

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

Here you see how a box with a 4 pixel #0C2D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2D24; -webkit-box-shadow:4px 4px  
4px 4px #0C2D24; box-shadow:4px 4px 4px  
4px #0C2D24 }
```

Background

The CSS property to change the background color of an element to Hex 0C2D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2D24 }
```

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

```
.background{ background-color:#0C2D24 }
```

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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