

Converting Colors

Hex(0D2724)

Have a look what the booklet for
Hex(0D2724) contains.

Hex(0D2724)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D2724)

Conversions

Conversions Part 1

Format	Color
Hex	0D2724
RGB	13, 39, 36
RGB Percent	5%, 15%, 14%
CMY	0.9490, 0.8471, 0.8588
CMYK	0.67, 0.00, 0.08, 0.85
HSL	173°, 50%, 10%
HSV	173°, 67%, 15%
XYZ	1.2099, 1.6640, 1.9265
YIQ	30.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

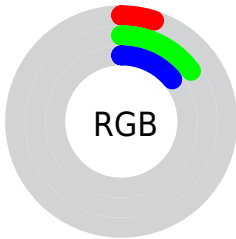
Format	Color
R_{YB}	13, 27, 39
Decimal	861988
CIE _{Lab}	13.61, -10.90, -1.06
CIE _{LCh}	14, 10.954, 185.529
Y _{xy}	1.6640, 0.2520, 0.3466
Android (android.graphics.Color)	4279052068 (0xFF0D2724)
YUV	30.8840, 2.5222, -15.6843
Hunter-Lab	12.8995, -5.8314, 0.1750

Details

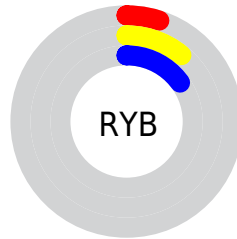
The Hex color **0D2724** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **270D10**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3A5450**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092724**, and if you desaturate by 10%, it is **112724**.

Distribution



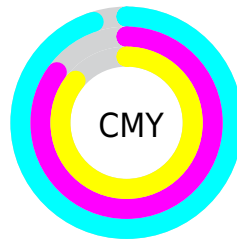
- Red (5%)
- Green (15%)
- Blue (14%)



- Red (5%)
- Yellow (11%)
- Blue (15%)



- Cyan (67%)
- Magenta (0%)
- Yellow (8%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2724 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 0D2724 by changing the saturation by 10% instead.

 0D2724


 0D2724

 F1FFFF

 00130F

 3A5450

 000000

 516C68

 6A8682

 83A09C

 9DBBB6

 B8D7D2

 D4F3EE

 0D2724

 0D2724

■ 092724

■ 112724

■ 052723

■ 152725

■ 012723

■ 192725

■ 002722

■ 1D2726

■ 212726

■ 242727

■ 282727

■ 2C2728

■ 302728

Harmonies

Analogous

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



15261C



0D2724



09272B

Triad

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



0D2724



26202F



2D2015

Complementary

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



0D2724



270D10

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.



311E1A



0D2724



2E1E29

Square

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



0D2724



1B2332



321D22



272314

Rectangle

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



0D2724



0C262F



321D22



2F1F17

Sweetspot

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



0D2724



293332



10270D



131A19



999999



1A1A1A

Same Dimension

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



0D2724



0A332E



0D1D27



121414



00544A



00D4BB

Inverse Universe

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



270D10



330A0F



27170D



141213



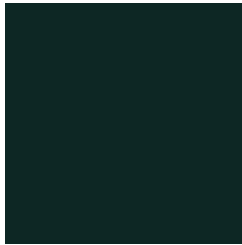
54000A



D40018

Previews

White Background



This preview shows how the Hex color 0D2724 looks on a white background.

Color Contrast Check

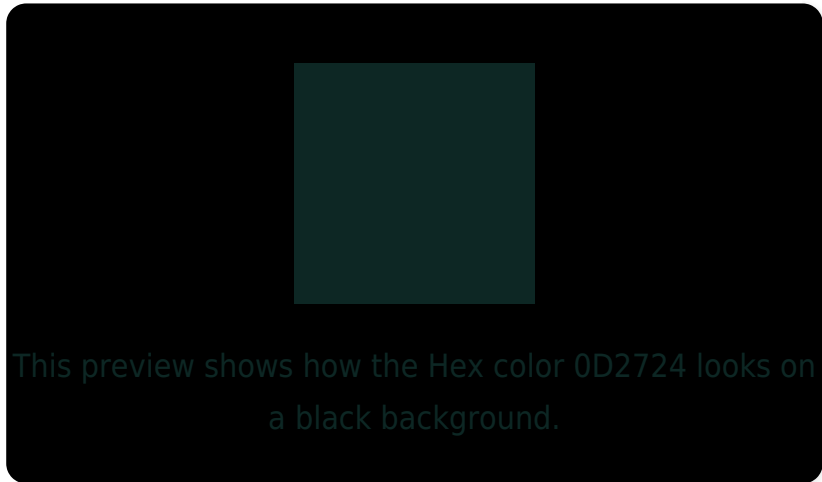
Large Text (above 18pt) WCAG AA ✓ Pass

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

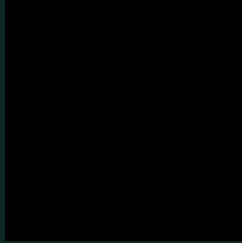
Any Text WCAG AA × Fail

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 0D2724 Background



This preview shows how black text looks on a background with the Hex color 0D2724.



This preview shows how white text looks on a background with the Hex color 0D2724.

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
0D2724

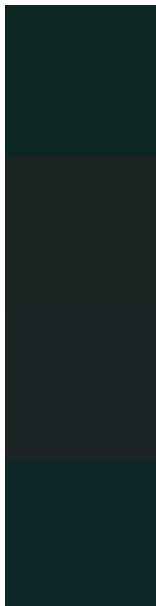
Protanopia
242322

Deuteranopia
252225



Tritanopia
102629

Trichromacy



Original Color

0D2724

Protanomaly

1C2423

Deuteranomaly

1C2425

Tritanomaly

0F2627

Monochromacy



Original Color

0D2724

Achromatopsia

1F1F1F

Achromatomaly

182221

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2724 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 #0D2724 looks like.

```
.text, #text, p{  
    color:#0D2724  
}
```

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 #0D2724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2724
}
```

Border

The CSS property to change the border of an element to Hex 0D2724 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
#0D2724 }
```

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

```
.border{ border-color:#0D2724 }
```

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

Here you see how a box with a 4 pixel #0D2724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2724; -webkit-box-shadow:4px 4px  
4px 4px #0D2724; box-shadow:4px 4px 4px  
4px #0D2724 }
```

Background

The CSS property to change the background color of an element to Hex 0D2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2724 }
```

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

```
.background{ background-color:#0D2724 }
```

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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