

# Converting Colors

Hex(0C2721)

Have a look what the booklet for  
Hex(0C2721) contains.

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# Color

**Hex(0C2721)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C2721
RGB	12, 39, 33
RGB Percent	5%, 15%, 13%
CMY	0.9529, 0.8471, 0.8706
CMYK	0.69, 0.00, 0.15, 0.85
HSL	167°, 53%, 10%
HSV	167°, 69%, 15%
XYZ	1.1517, 1.6390, 1.6945
YIQ	30.2430, -14.1660, -7.5900

# Conversions

## Conversions Part 2

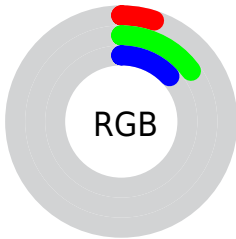
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 27, 39
Decimal	796449
CIELab	13.47, -12.17, 0.87
CIELCh	13, 12.198, 175.911
Yxy	1.6390, 0.2568, 0.3654
Android (android.graphics.Color)	4278986529 (0xFF0C2721)
YUV	30.2430, 1.3592, -15.9991
Hunter-Lab	12.8024, -6.3470, 1.1141

# Details

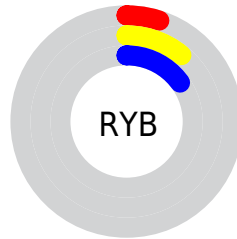
The Hex color **0C2721** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **270C12**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **38544D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082720**, and if you desaturate by 10%, it is **102722**.

# Distribution



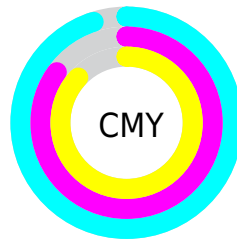
- Red (5%)
- Green (15%)
- Blue (13%)



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



- Cyan (69%)
- Magenta (0%)
- Yellow (15%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C2721 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 0C2721 by changing the saturation by 10% instead.



0C2721

0C2721

FFFFFF

00130A

38544D

000000

506C65

69867E

82A098

9CBBB2

B7D7CE

D3F3EA

0C2721

0C2721

■ 082720

■ 102722

■ 04271F

■ 142723

■ 00271E

■ 182724

■ 1C2724

■ 202725

■ 232726

■ 272727

■ 2B2728

■ 2F2729

# Harmonies

## Analogous

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



172619



0C2721



04272A

# Triad

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



0C2721



222132



301F15

# Complementary

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



0C2721



270C12

# 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.



331C1C



0C2721



2C1E2C

# Square

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



0C2721



152433



321C24



292211

# Rectangle

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



0C2721



05262E



321C24



311E17



# Sweetspot

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



0C2721



283331



12270C



131A18



999999



1A1A1A



# Same Dimension

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



0C2721



09332A



0C2027



121414



005441



00D4A5



# Inverse Universe

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



270C12



330912



27130C



141213



540013

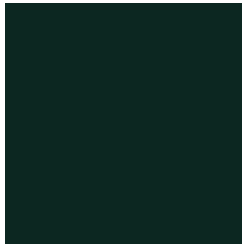


D4002F



# Previews

## White Background



This preview shows how the Hex color 0C2721 looks on a white background.

## Color Contrast Check

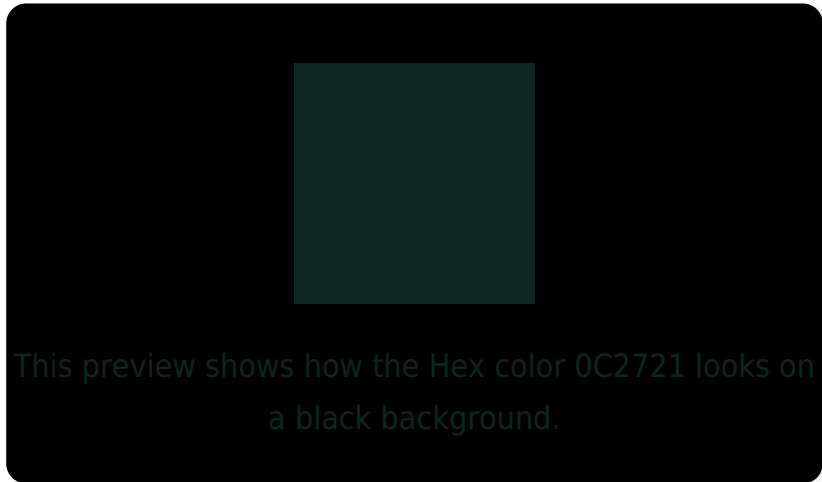
Large Text (above 18pt) WCAG AA ✓ Pass

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

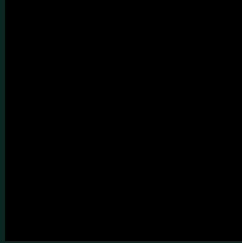
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C2721 Background



This preview shows how black text looks on a background with the Hex color 0C2721.



This preview shows how white text looks on a background with the Hex color 0C2721.

# 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**  
0C2721

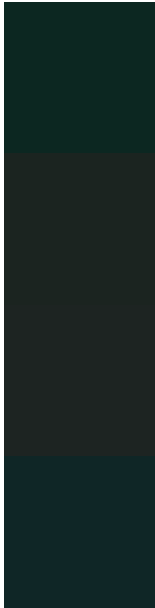
**Protanopia**  
24231F

**Deuteranopia**  
262222



**Tritanopia**  
102629

# Trichromacy



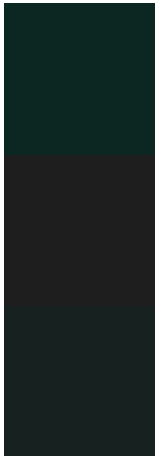
**Original Color**  
0C2721

**Protanomaly**  
1B2420

**Deuteranomaly**  
1D2422

**Tritanomaly**  
0F2626

# Monochromacy



**Original Color**  
0C2721

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
17211F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C2721 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 #0C2721 looks like.

```
.text, #text, p{  
    color:#0C2721  
}
```

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 #0C2721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2721
}
```

## Border

The CSS property to change the border of an element to Hex 0C2721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

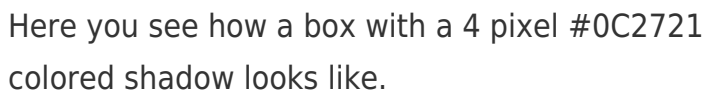
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C2721 }
```

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

```
.border{ border-color:#0C2721 }
```

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



Here you see how a box with a 4 pixel #0C2721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2721; -webkit-box-shadow:4px 4px  
4px 4px #0C2721; box-shadow:4px 4px 4px  
4px #0C2721 }
```

# Background

The CSS property to change the background color of an element to Hex 0C2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2721 }
```

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

```
.background{ background-color:#0C2721 }
```

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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