

# Converting Colors

Hex(0C2718)

Have a look what the booklet for  
Hex(0C2718) contains.

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# Color

**Hex(0C2718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C2718
RGB	12, 39, 24
RGB Percent	5%, 15%, 9%
CMY	0.9529, 0.8471, 0.9059
CMYK	0.69, 0.00, 0.38, 0.85
HSL	147°, 53%, 10%
HSV	147°, 69%, 15%
XYZ	1.0420, 1.5951, 1.1171
YIQ	29.2170, -11.2770, -10.3890

# Conversions

## Conversions Part 2

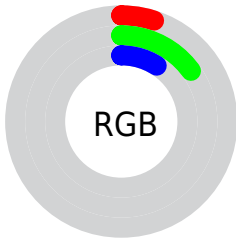
Format	Color
<a href="#">RYB</a>	<a href="#">12, 31, 39</a>
Decimal	<a href="#">796440</a>
CIELab	<a href="#">13.20, -14.79, 6.89</a>
CIELCh	<a href="#">13, 16.315, 155.031</a>
Yxy	<a href="#">1.5951, 0.2776, 0.4249</a>
Android (android.graphics.Color)	<a href="#">4278986520 (0xFF0C2718)</a>
YUV	<a href="#">29.2170, -2.5720, -15.0993</a>
Hunter-Lab	<a href="#">12.6299, -7.3755, 3.5967</a>

# Details

The Hex color **0C2718** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **270C1B**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **385443**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082716**, and if you desaturate by 10%, it is **10271A**.

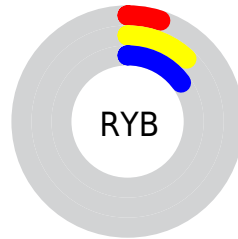
# Distribution



Red (5%)

Green (15%)

Blue (9%)



Red (5%)

Yellow (12%)

Blue (15%)

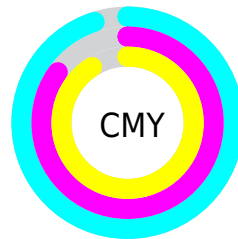


Cyan (69%)

Magenta (0%)

Yellow (38%)

Black (85%)



Cyan (95%)

Magenta (85%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C2718 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 0C2718 by changing the saturation by 10% instead.



 0C2718

 0C2718

 EFFFFA

 001300

 385443

 000000

 506D5A

 688673

 81A08C

 9CBBA7

 B7D7C2

 D2F4DE

 0C2718

 0C2718

■ 082716

■ 10271A

■ 042714

■ 14271C

■ 002711

■ 18271E

■ 1C2721

■ 202723

■ 232725

■ 272727

■ 2B2729

■ 2F272C

# Harmonies

## Analogous

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



1B250E



0C2718



002824

# Triad

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



0C2718



122238



361A16

# Complementary

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



0C2718



270C1B

# 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.



371920



0C2718



251E35

# Square

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



0C2718



002636



321A2C



311E0C

# Rectangle

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



0C2718



00282B



321A2C



371919



# Sweetspot

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



0C2718



28332D



1B270C



131A16



999999



1A1A1A



# Same Dimension

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



0C2718



09331B



0C2725



121413



005425



00D45E



# Inverse Universe

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



270C1B



330920



270C0E



141213



54002F

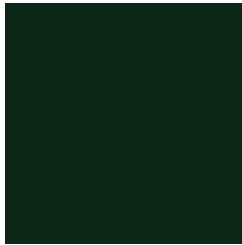


D40076



# Previews

## White Background



This preview shows how the Hex color 0C2718 looks on a white background.

## Color Contrast Check

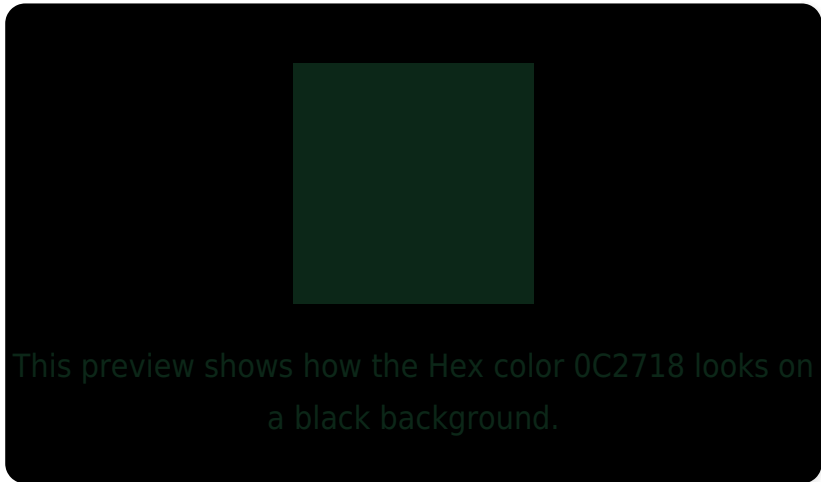
Large Text (above 18pt) WCAG AA ✓ Pass

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

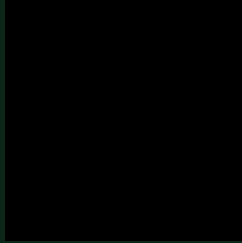
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C2718 Background



This preview shows how black text looks on a background with the Hex color 0C2718.



This preview shows how white text looks on a background with the Hex color 0C2718.

# 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**  
0C2718

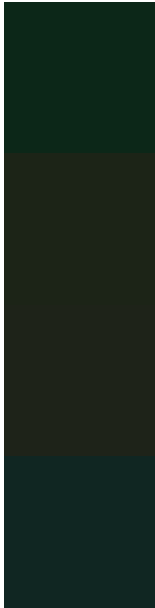
**Protanopia**  
252216

**Deuteranopia**  
282119



**Tritanopia**  
122528

# Trichromacy



**Original Color**  
0C2718

**Protanomaly**  
1C2417

**Deuteranomaly**  
1E2319

**Tritanomaly**  
102622

# Monochromacy



**Original Color**  
0C2718

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
17211B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C2718 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 #0C2718 looks like.

```
.text, #text, p{  
    color:#0C2718  
}
```

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 #0C2718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2718
}
```

## Border

The CSS property to change the border of an element to Hex 0C2718 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
#0C2718 }
```

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

```
.border{ border-color:#0C2718 }
```

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

Here you see how a box with a 4 pixel #0C2718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2718; -webkit-box-shadow:4px 4px  
4px 4px #0C2718; box-shadow:4px 4px 4px  
4px #0C2718 }
```

# Background

The CSS property to change the background color of an element to Hex 0C2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2718 }
```

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

```
.background{ background-color:#0C2718 }
```

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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