

# Converting Colors

Hex(0A4038)

Have a look what the booklet for  
Hex(0A4038) contains.

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# Color

**Hex(0A4038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A4038
RGB	10, 64, 56
RGB Percent	4%, 25%, 22%
CMY	0.9608, 0.7490, 0.7804
CMYK	0.84, 0.00, 0.12, 0.75
HSL	171°, 73%, 15%
HSV	171°, 84%, 25%
XYZ	2.6724, 4.0168, 4.3759
YIQ	46.9420, -29.6160, -13.9360

# Conversions

## Conversions Part 2

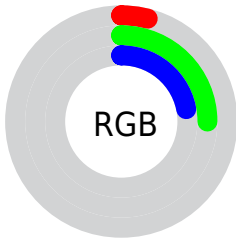
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 39, 64
Decimal	671800
CIE Lab	23.73, -19.20, -0.01
CIE LCh	24, 19.198, 180.034
Yxy	4.0168, 0.2415, 0.3630
Android (android.graphics.Color)	4278861880 (0xFF0A4038)
YUV	46.9420, 4.4656, -32.3981
Hunter-Lab	20.0421, -11.2727, 1.0844

# Details

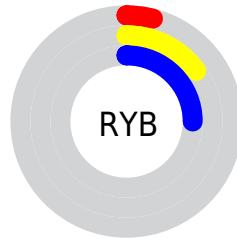
The Hex color **0A4038** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400A12**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3F7067**, and **00160D** is the 20% darker color. If you saturate the color by 10%, you get **044037**, and if you desaturate by 10%, it is **104039**.

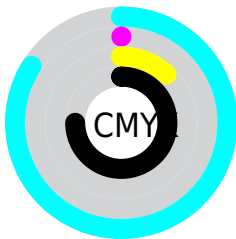
# Distribution



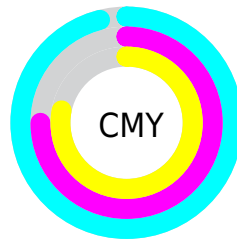
- Red (4%)
- Green (25%)
- Blue (22%)



- Red (4%)
- Yellow (15%)
- Blue (25%)



- Cyan (84%)
- Magenta (0%)
- Yellow (12%)
- Black (75%)



- Cyan (96%)
- Magenta (75%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A4038 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 0A4038 by changing the saturation by 10% instead.



 0A4038

 0A4038

 FCFFF

 002A23

 3F7067

 00160D

 588A80

 000000

 71A49A

 8CBFB5

 A7DBD0

 C2F8EC

 DFFFF

 0A4038

 0A4038

■ 044037

■ 104039

■ 004037

■ 17403A

■ 1D403B

■ 24403C

■ 2A403D

■ 30403E

■ 37403F

■ 3D4040

■ 444041

# Harmonies

## Analogous

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



213F2A



0A4038



004046

# Triad

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



0A4038



3A3551



4D3320

# Complementary

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



0A4038



400A12

# 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.



542E2B



0A4038



4A3047

# Square

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



0A4038



223A55



532D39



42381B

# Rectangle

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



0A4038



003F4E



532D39



503123



# Sweetspot

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



0A4038



3F5451



12400A



1E2B29



ABABAB



2B2B2B



# Same Dimension

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



0A4038



005448



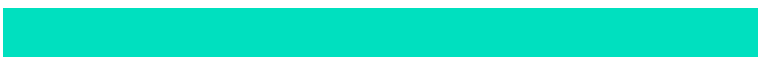
0A2D40



1E2121



006153



00E0BF



# Inverse Universe

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



400A12



54000C



401D0A



211E1E



61000E

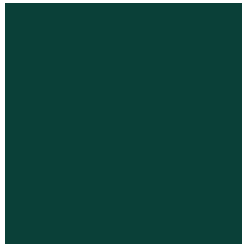


E00021



# Previews

## White Background



This preview shows how the Hex color 0A4038 looks on a white background.

## Color Contrast Check

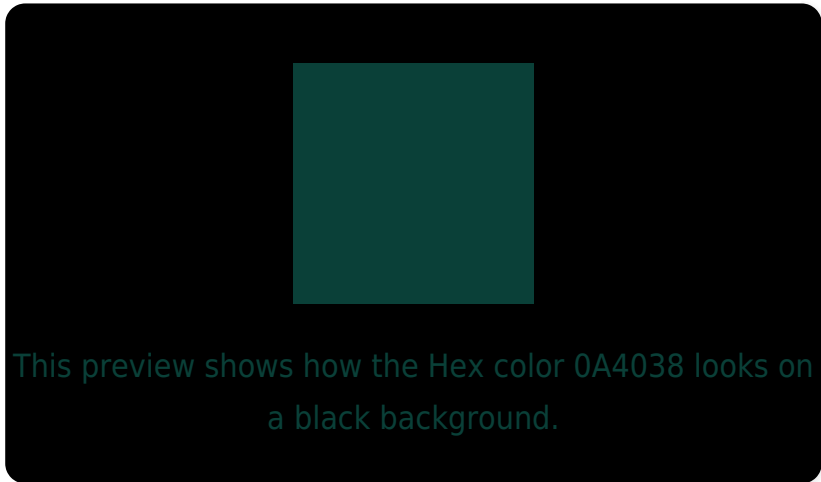
Large Text (above 18pt) WCAG AA ✓ Pass

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

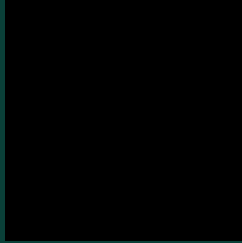
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A4038 Background



This preview shows how black text looks on a background with the Hex color 0A4038.



This preview shows how white text looks on a background with the Hex color 0A4038.

# 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](#).

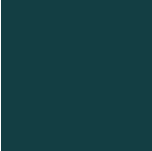
## Dichromacy



**Original Color**  
0A4038

**Protanopia**  
3B3834

**Deuteranopia**  
3D373A



**Tritanopia**  
133E43

# Trichromacy



**Original Color**  
0A4038

**Protanomaly**  
293B35

**Deuteranomaly**  
2A3A39

**Tritanomaly**  
103F3F

# Monochromacy



**Original Color**  
0A4038

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
223532

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A4038 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 #0A4038 looks like.

```
.text, #text, p{  
    color:#0A4038  
}
```

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 #0A4038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4038
}
```

## Border

The CSS property to change the border of an element to Hex 0A4038 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".

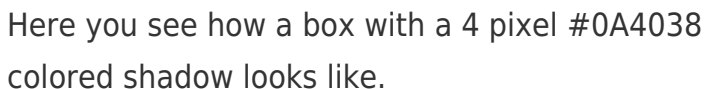
```
.border, #border, table{ border:4px solid
#0A4038 }
```

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

```
.border{ border-color:#0A4038 }
```

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

Here you see how a box with a 4 pixel #0A4038 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4038; -webkit-box-shadow:4px 4px  
4px 4px #0A4038; box-shadow:4px 4px 4px  
4px #0A4038 }
```

# Background

The CSS property to change the background color of an element to Hex 0A4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4038 }
```

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

```
.background{ background-color:#0A4038 }
```

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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