

# Converting Colors

Hex(0B4051)

Have a look what the booklet for  
Hex(0B4051) contains.

<b>Hex(0B4051)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**Hex(0B4051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B4051
RGB	11, 64, 81
RGB Percent	4%, 25%, 32%
CMY	0.9569, 0.7490, 0.6824
CMYK	0.86, 0.21, 0.00, 0.68
HSL	195°, 76%, 18%
HSV	195°, 86%, 32%
XYZ	3.4566, 4.3320, 8.4386
YIQ	50.0910, -37.0450, -5.9490

# Conversions

## Conversions Part 2

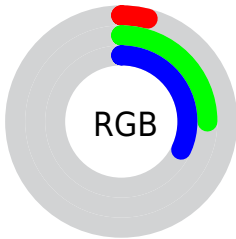
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 41, 81
Decimal	737361
CIE <sub>Lab</sub>	24.74, -9.95, -15.03
CIE <sub>LCh</sub>	25, 18.023, 236.500
Yxy	4.3320, 0.2130, 0.2670
Android (android.graphics.Color)	4278927441 (0xFF0B4051)
<b>YUV</b>	50.0910, 15.2381, -34.2828
Hunter-Lab	20.8135, -6.7792, -9.4689

# Details

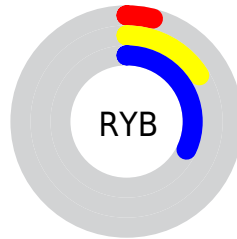
The Hex color **0B4051** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **511C0B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **437082**, and **001624** is the 20% darker color. If you saturate the color by 10%, you get **033E51**, and if you desaturate by 10%, it is **134251**.

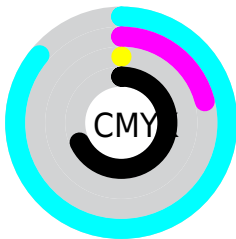
# Distribution



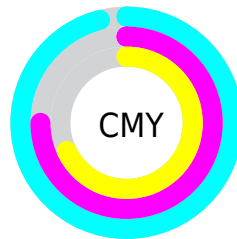
- Red (4%)
- Green (25%)
- Blue (32%)



- Red (4%)
- Yellow (16%)
- Blue (32%)



- Cyan (86%)
- Magenta (21%)
- Yellow (0%)
- Black (68%)



- Cyan (96%)
- Magenta (75%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B4051 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 0B4051 by changing the saturation by 10% instead.



0B4051

0B4051

FFFFFF

002A3A

437082

001624

5D899C

00010E

77A3B7

000000

92BFD3

ADDAEF

C9F7FF

E6FFFF

0B4051

0B4051

■ 033E51

■ 134251

■ 003D51

■ 1B4451

■ 234651

■ 2B4851

■ 344A51

■ 3C4C51

■ 444E51

■ 4C5051

■ 545251

# Harmonies

## Analogous

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



034246



0B4051



243D56

# Triad

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



0B4051



53303D



373E22

# Complementary

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



0B4051



511C0B

# 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.



45391F



0B4051



55312F

# Square

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



0B4051



4A334A



503525



27402B

# Rectangle

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



0B4051



333955



503525



3C3C20



# Sweetspot

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



0B4051



4D6269



0B511B



253236



B5B5B5



363636



# Same Dimension

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



0B4051



004F69



0B1E51



252829



00B0E8

# Inverse Universe

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



510B40



69004F



513E0B



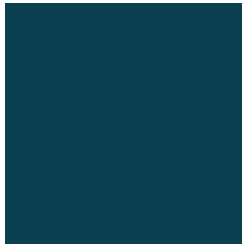
292528



E800B0

# Previews

## White Background



This preview shows how the Hex color 0B4051 looks on a white background.

## Color Contrast Check

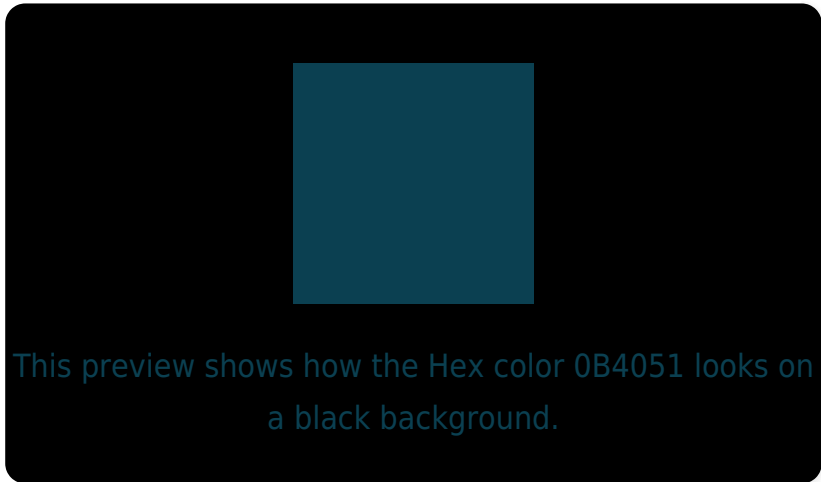
Large Text (above 18pt) WCAG AA ✓ Pass

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

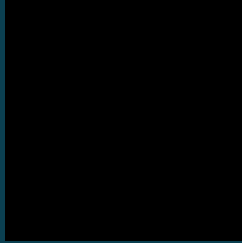
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

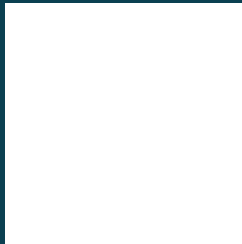
Any Text WCAG AAA × Fail

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

## Hex 0B4051 Background



This preview shows how black text looks on a background with the Hex color 0B4051.



This preview shows how white text looks on a background with the Hex color 0B4051.

# 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**  
0B4051

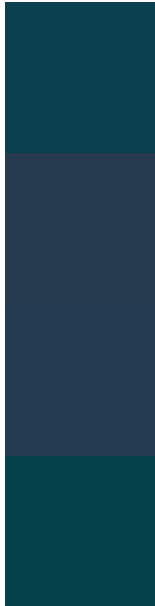
**Protanopia**  
363A4D

**Deuteranopia**  
333A52





# Trichromacy



**Original Color**  
0B4051

**Protanomaly**  
263C4E

**Deuteranomaly**  
243C52

**Tritanomaly**  
04414B

# Monochromacy



**Original Color**  
0B4051

**Achromatopsia**  
323232

**Achromatomaly**  
24373D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B4051 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 #0B4051 looks like.

```
.text, #text, p{  
    color:#0B4051  
}
```

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 #0B4051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4051
}
```

## Border

The CSS property to change the border of an element to Hex 0B4051 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
#0B4051 }
```

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

```
.border{ border-color:#0B4051 }
```

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

Here you see how a box with a 4 pixel #0B4051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4051; -webkit-box-shadow:4px 4px  
4px 4px #0B4051; box-shadow:4px 4px 4px  
4px #0B4051 }
```

# Background

The CSS property to change the background color of an element to Hex 0B4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4051 }
```

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

```
.background{ background-color:#0B4051 }
```

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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