

# Converting Colors

Hex(0B5152)

Have a look what the booklet for  
Hex(0B5152) contains.

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# Color

**Hex(0B5152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B5152
RGB	11, 81, 82
RGB Percent	4%, 32%, 32%
CMY	0.9569, 0.6824, 0.6784
CMYK	0.87, 0.01, 0.00, 0.68
HSL	181°, 76%, 18%
HSV	181°, 87%, 32%
XYZ	4.6034, 6.5652, 9.0072
YIQ	60.1840, -42.0410, -14.5290

# Conversions

## Conversions Part 2

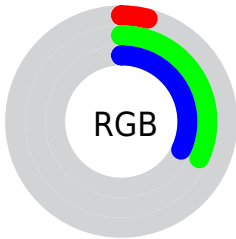
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 46, 82
Decimal	741714
CIELab	30.80, -19.45, -6.46
CIELCh	31, 20.495, 198.379
Yxy	6.5652, 0.2282, 0.3254
Android (android.graphics.Color)	4278931794 (0xFF0B5152)
YUV	60.1840, 10.7553, -43.1344
Hunter-Lab	25.6227, -12.7699, -2.9066

# Details

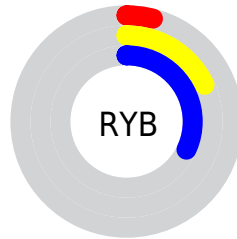
The Hex color **0B5152** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **520C0B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **468383**, and **002425** is the 20% darker color. If you saturate the color by 10%, you get **035152**, and if you desaturate by 10%, it is **135152**.

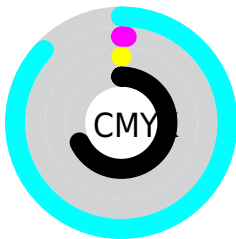
# Distribution



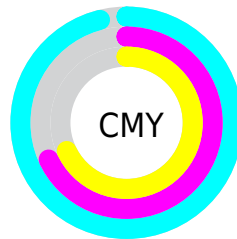
- Red (4%)
- Green (32%)
- Blue (32%)



- Red (4%)
- Yellow (18%)
- Blue (32%)



- Cyan (87%)
- Magenta (1%)
- Yellow (0%)
- Black (68%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B5152 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 0B5152 by changing the saturation by 10% instead.



 0B5152

 0B5152

FFFFFF

 003A3B

 468383

 002425

 609D9D

 000611

 7BB8B8

 000000

 96D4D4

 B1F0F0

 CEFFFF

 EBFFFF

 0B5152

 0B5152

■ 035152

■ 135152

■ 005152

■ 1B5152

■ 245152

■ 2C5152

■ 345252

■ 3C5252

■ 445252

■ 4D5252

■ 555252

# Harmonies

## Analogous

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



225142



0B5152



0A4F60

# Triad

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



0B5152



56415E



594529

# Complementary

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



0B5152



520C0B

# 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.



644031



0B5152



643D4F

# Square

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



0B5152



414767



683C3F



494B2A

# Rectangle

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



0B5152



1D4D66



683C3F



5D442B



# Sweetspot

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



0B5152



4F6B6B



0B520B



253536



B5B5B5



363636



# Same Dimension

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



0B5152



006A6B



0B2F52



252929



006769



00E5E8



# Inverse Universe

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



520B51



6B006A



522F0B



292529



690067



E800E5



# Previews

## White Background



This preview shows how the Hex color 0B5152 looks on a white background.

## Color Contrast Check

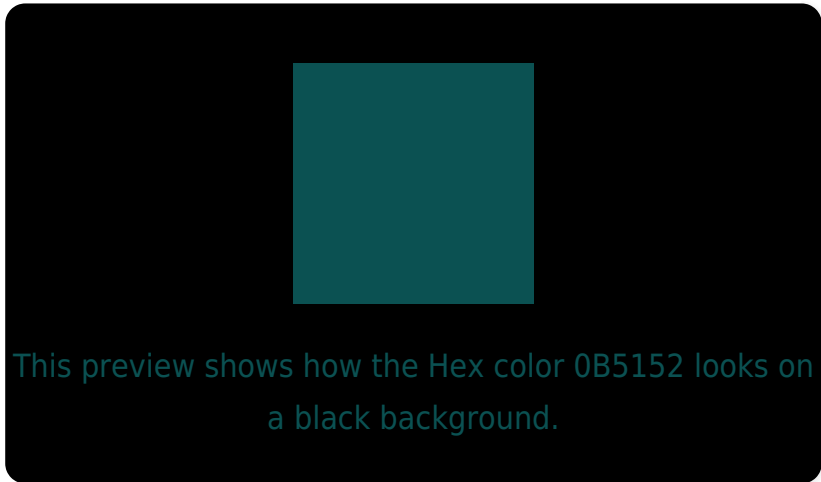
Large Text (above 18pt) WCAG AA ✓ Pass

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

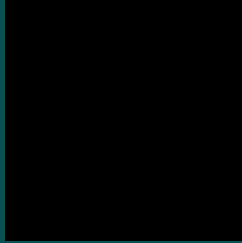
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B5152 Background



This preview shows how black text looks on a background with the Hex color 0B5152.



This preview shows how white text looks on a background with the Hex color 0B5152.

# 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**  
0B5152

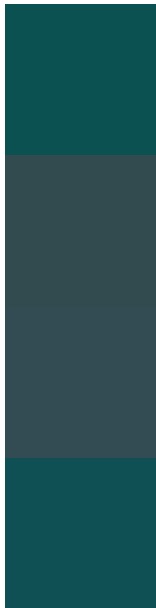
**Protanopia**  
49484C

**Deuteranopia**  
4A4754



**Tritanopia**  
115057

# Trichromacy



**Original Color**  
0B5152

**Protanomaly**  
324B4E

**Deuteranomaly**  
334B53

**Tritanomaly**  
0F5055

# Monochromacy



**Original Color**  
0B5152

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2A4444

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B5152 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 #0B5152 looks like.

```
.text, #text, p{  
    color:#0B5152  
}
```

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 #0B5152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5152
}
```

## Border

The CSS property to change the border of an element to Hex 0B5152 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
#0B5152 }
```

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

```
.border{ border-color:#0B5152 }
```

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

Here you see how a box with a 4 pixel #0B5152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5152; -webkit-box-shadow:4px 4px  
4px 4px #0B5152; box-shadow:4px 4px 4px  
4px #0B5152 }
```

# Background

The CSS property to change the background color of an element to Hex 0B5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5152 }
```

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

```
.background{ background-color:#0B5152 }
```

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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