

Converting Colors

Hex(0B5654)

Have a look what the booklet for
Hex(0B5654) contains.

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Color

Hex(0B5654)

Conversions

Conversions Part 1

Format	Color
Hex	0B5654
RGB	11, 86, 84
RGB Percent	4%, 34%, 33%
CMY	0.9569, 0.6627, 0.6706
CMYK	0.87, 0.00, 0.02, 0.66
HSL	178°, 77%, 19%
HSV	178°, 87%, 34%
XYZ	5.0660, 7.3668, 9.5424
YIQ	63.3470, -44.0580, -16.5220

Conversions

Conversions Part 2

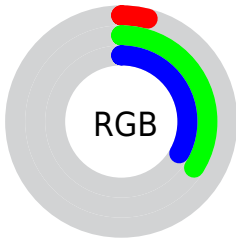
Format	Color
RYB	11, 49, 86
Decimal	742996
CIELab	32.63, -21.43, -5.00
CIELCh	33, 22.009, 193.122
Yxy	7.3668, 0.2305, 0.3352
Android (android.graphics.Color)	4278933076 (0xFF0B5654)
YUV	63.3470, 10.1819, -45.9083
Hunter-Lab	27.1419, -14.1813, -1.8456

Details

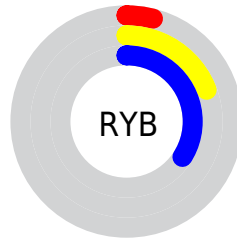
The Hex color **0B5654** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **560B0D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **478885**, and **002827** is the 20% darker color. If you saturate the color by 10%, you get **025654**, and if you desaturate by 10%, it is **145654**.

Distribution



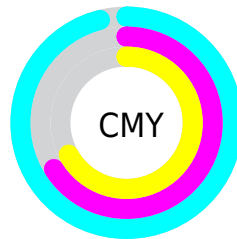
- Red (4%)
- Green (34%)
- Blue (33%)



- Red (4%)
- Yellow (19%)
- Blue (34%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (66%)



- Cyan (96%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B5654 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 0B5654 by changing the saturation by 10% instead.

 0B5654

 0B5654

FFFFFF

 003E3D

 478885

 002827

 62A3A0

 001113

 7CBEBB

 000000

 98DAD6

 B3F6F3

 D0FFFF

 EDFFFF

 0B5654

 0B5654

■ 025654

■ 145654

■ 005654

■ 1C5654

■ 255655

■ 2D5655

■ 365655

■ 3F5655

■ 475656

■ 505656

■ 585656

Harmonies

Analogous

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



275542



0B5654



005564

Triad

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



0B5654



584566



61482C

Complementary

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



0B5654



560B0D

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.



6B4336



0B5654



684057

Square

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



0B5654



404C6E



6E3F46



514E2A

Rectangle

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



0B5654



15536B



6E3F46



65462E

Sweetspot

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



0B5654



53706F



0D560B



273838



B8B8B8



383838

Same Dimension

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



0B5654



00706D



0B3356



272B2B



006B68



00EBE4

Inverse Universe

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



560B0D



700003



562E0B



2B2727



6B0003



EB0006

Previews

White Background



This preview shows how the Hex color 0B5654 looks on a white background.

Color Contrast Check

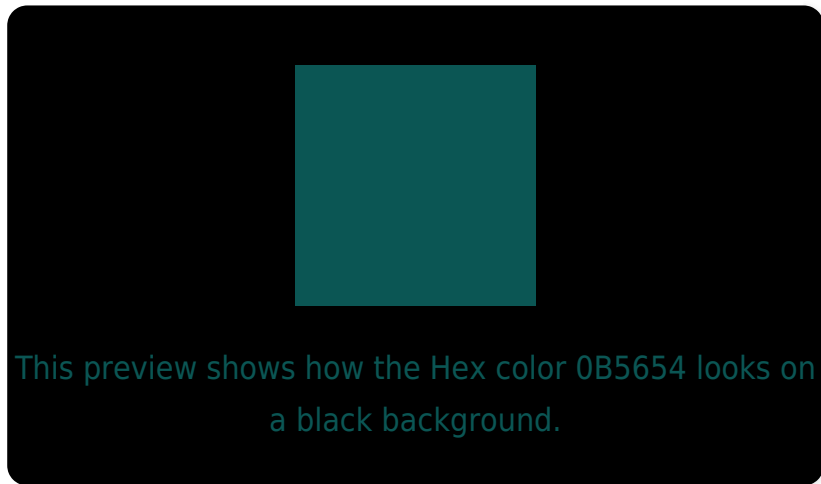
Large Text (above 18pt) WCAG AA ✓ Pass

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

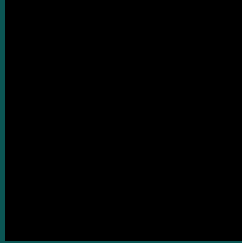
Any Text WCAG AA × Fail

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 0B5654 Background



This preview shows how black text looks on a background with the Hex color 0B5654.



This preview shows how white text looks on a background with the Hex color 0B5654.

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
0B5654

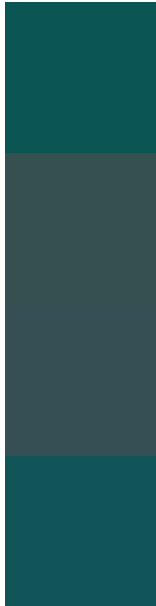
Protanopia
4E4C4E

Deuteranopia
4F4B56



Tritanopia
14555C

Trichromacy



Original Color
0B5654

Protanomaly
365050

Deuteranomaly
364F55

Tritanomaly
115559

Monochromacy



Original Color
0B5654

Achromatopsia
3F3F3F

Achromatomaly
2C4747

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B5654 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 #0B5654 looks like.

```
.text, #text, p{  
    color:#0B5654  
}
```

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 #0B5654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5654
}
```

Border

The CSS property to change the border of an element to Hex 0B5654 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
#0B5654 }
```

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

```
.border{ border-color:#0B5654 }
```

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

Here you see how a box with a 4 pixel #0B5654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5654; -webkit-box-shadow:4px 4px  
4px 4px #0B5654; box-shadow:4px 4px 4px  
4px #0B5654 }
```

Background

The CSS property to change the background color of an element to Hex 0B5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5654 }
```

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

```
.background{ background-color:#0B5654 }
```

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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