

Converting Colors

Hex(0B6049)

Have a look what the booklet for
Hex(0B6049) contains.

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Color

Hex(0B6049)

Conversions

Conversions Part 1

Format	Color
Hex	0B6049
RGB	11, 96, 73
RGB Percent	4%, 38%, 29%
CMY	0.9569, 0.6235, 0.7137
CMYK	0.89, 0.00, 0.24, 0.62
HSL	164°, 79%, 21%
HSV	164°, 89%, 38%
XYZ	5.5235, 8.9179, 7.7335
YIQ	67.9630, -43.2770, -25.1730

Conversions

Conversions Part 2

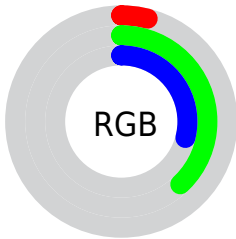
Format	Color
RYB	11, 60, 96
Decimal	745545
CIELab	35.83, -29.72, 6.53
CIELCh	36, 30.426, 167.610
Yxy	8.9179, 0.2491, 0.4022
Android (android.graphics.Color)	4278935625 (0xFF0B6049)
YUV	67.9630, 2.4832, -49.9566
Hunter-Lab	29.8629, -19.2445, 5.5498

Details

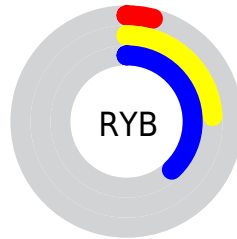
The Hex color **0B6049** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **600B22**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **49937A**, and **00311D** is the 20% darker color. If you saturate the color by 10%, you get **016046**, and if you desaturate by 10%, it is **15604C**.

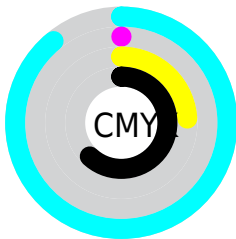
Distribution



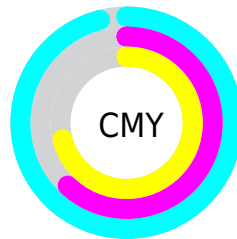
- Red (4%)
- Green (38%)
- Blue (29%)



- Red (4%)
- Yellow (24%)
- Blue (38%)



- Cyan (89%)
- Magenta (0%)
- Yellow (24%)
- Black (62%)



- Cyan (96%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6049 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 0B6049 by changing the saturation by 10% instead.



0B6049



0B6049

FFFFFF



004832



49937A



00311D



63AE93



001D04



7ECAAE



000000



99E6C9



B5FFE5



D2FFFF



FFFFFF



0B6049



0B6049

■ 016046

■ 15604C

■ 006046

■ 1E604E

■ 286051

■ 316053

■ 3B6056

■ 456059

■ 4E605B

■ 58605E

■ 616060

Harmonies

Analogous

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



395D32



0B6049



006162

Triad

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



0B6049



465283



7C4631

Complementary

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



0B6049



600B22

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.



824047



0B6049



684875

Square

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



0B6049



005A84



7C415F



6B4F24

Rectangle

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



0B6049



006071



7C415F



7F4438

Sweetspot

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



0B6049



5B7D74



23600B



2B403A



BFBFBF



404040

Same Dimension

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



0B6049



007D5B



0B4E60



2C302F



007052



00F0AF

Inverse Universe

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



600B22



7D0022



601D0B



302C2D



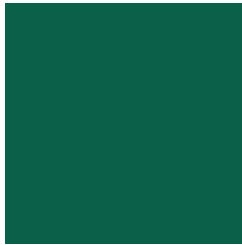
70001E



F00041

Previews

White Background



This preview shows how the Hex color 0B6049 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 0B6049 Background



This preview shows how black text looks on a background with the Hex color 0B6049.



This preview shows how white text looks on a background with the Hex color 0B6049.

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
0B6049

Protanopia
595443

Deuteranopia
5F514C

Trichromacy



Original Color
0B6049

Protanomaly
3D5845

Deuteranomaly
40564B

Tritanomaly
185D5A

Monochromacy



Original Color
0B6049

Achromatopsia
444444

Achromatomaly
2F4E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6049 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 #0B6049 looks like.

```
.text, #text, p{  
    color:#0B6049  
}
```

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 #0B6049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6049
}
```

Border

The CSS property to change the border of an element to Hex 0B6049 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
#0B6049 }
```

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

```
.border{ border-color:#0B6049 }
```

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

Here you see how a box with a 4 pixel #0B6049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6049; -webkit-box-shadow:4px 4px  
4px 4px #0B6049; box-shadow:4px 4px 4px  
4px #0B6049 }
```

Background

The CSS property to change the background color of an element to Hex 0B6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6049 }
```

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

```
.background{ background-color:#0B6049 }
```

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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