

Converting Colors

Hex(0D6969)

Have a look what the booklet for
Hex(0D6969) contains.

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Color

Hex(0D6969)

Conversions

Conversions Part 1

Format	Color
Hex	0D6969
RGB	13, 105, 105
RGB Percent	5%, 41%, 41%
CMY	0.9490, 0.5882, 0.5882
CMYK	0.88, 0.00, 0.00, 0.59
HSL	180°, 78%, 23%
HSV	180°, 88%, 41%
XYZ	7.7674, 11.2086, 15.1187
YIQ	77.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

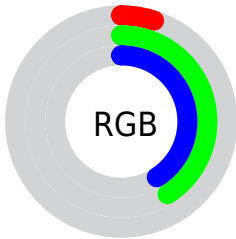
Format	Color
RYB	13, 59, 105
Decimal	878953
CIELab	39.93, -24.10, -7.13
CIElCh	40, 25.133, 196.493
Yxy	11.2086, 0.2278, 0.3288
Android (android.graphics.Color)	4279069033 (0xFF0D6969)
YUV	77.4920, 13.5614, -56.5595
Hunter-Lab	33.4793, -17.1759, -3.3389

Details

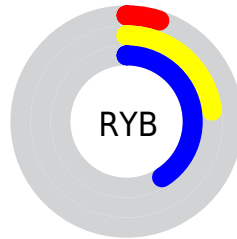
The Hex color **0D6969** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **690D0D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4E9D9C**, and **00393A** is the 20% darker color. If you saturate the color by 10%, you get **036969**, and if you desaturate by 10%, it is **176969**.

Distribution



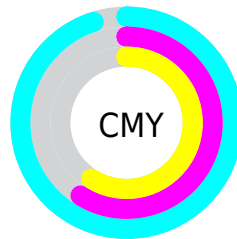
- Red (5%)
- Green (41%)
- Blue (41%)



- Red (5%)
- Yellow (23%)
- Blue (41%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (95%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6969 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 0D6969 by changing the saturation by 10% instead.



0D6969



0D6969

FFFFFF



005151



4E9D9C



00393A



6AB8B7



002424



86D4D3



000110



A2F0EF



000000



BEFFFF



DBFFFF



F8FFFF



0D6969



0D6969

■ 036969

■ 176969

■ 006969

■ 226969

■ 2C6969

■ 376969

■ 426969

■ 4C6969

■ 566969

■ 616969

■ 6B6969

Harmonies

Analogous

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



2E6854



0D6969



05677B

Triad

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



0D6969



6F557A



745A36

Complementary

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



0D6969



690D0D

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.



815341



0D6969



804F68

Square

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



0D6969



535C85



864E53



606036

Rectangle

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



0D6969



226583



864E53



795739

Sweetspot

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



0D6969



668A8A



0D690D



304545



C4C4C4



454545

Same Dimension

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



0D6969



008A8A



0D3B69



303636



007575



00F5F5

Inverse Universe

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



690D69



8A008A



693B0D



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 0D6969 looks on a white background.

Color Contrast Check

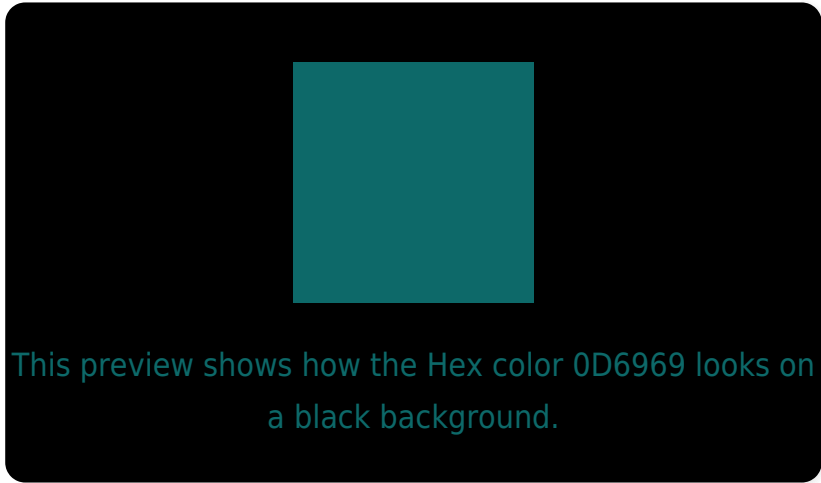
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

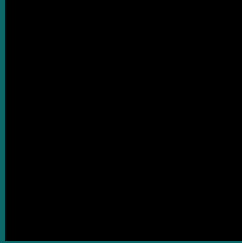
Any Text WCAG AA × Fail

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 0D6969 Background



This preview shows how black text looks on a background with the Hex color 0D6969.



This preview shows how white text looks on a background with the Hex color 0D6969.

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
0D6969

Protanopia
5E5D62

Deuteranopia
605B6C



Tritanopia
166870

Trichromacy



Original Color
0D6969

Protanomaly
416165

Deuteranomaly
42606B

Tritanomaly
13686D

Monochromacy



Original Color
0D6969

Achromatopsia
4D4D4D

Achromatomaly
365757

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6969 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 #0D6969 looks like.

```
.text, #text, p{  
    color:#0D6969  
}
```

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 #0D6969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6969
}
```

Border

The CSS property to change the border of an element to Hex 0D6969 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
#0D6969 }
```

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

```
.border{ border-color:#0D6969 }
```

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

Here you see how a box with a 4 pixel #0D6969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6969; -webkit-box-shadow:4px 4px  
4px 4px #0D6969; box-shadow:4px 4px 4px  
4px #0D6969 }
```

Background

The CSS property to change the background color of an element to Hex 0D6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6969 }
```

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

```
.background{ background-color:#0D6969 }
```

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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