

Converting Colors

Hex(0D6381)

Have a look what the booklet for
Hex(0D6381) contains.

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Color

Hex(0D6381)

Conversions

Conversions Part 1

Format	Color
Hex	0D6381
RGB	13, 99, 129
RGB Percent	5%, 39%, 51%
CMY	0.9490, 0.6118, 0.4941
CMYK	0.90, 0.23, 0.00, 0.49
HSL	196°, 82%, 28%
HSV	196°, 90%, 51%
XYZ	8.5903, 10.5942, 22.3610
YIQ	76.7060, -60.8860, -8.9020

Conversions

Conversions Part 2

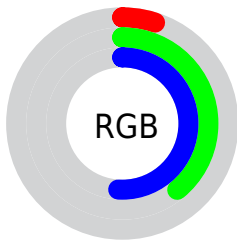
Format	Color
R_{YB}	13, 62, 129
Decimal	877441
CIE _{Lab}	38.89, -12.20, -23.36
CIE _{LCh}	39, 26.358, 242.419
Yxy	10.5942, 0.2068, 0.2550
Android (android.graphics.Color)	4279067521 (0xFF0D6381)
YUV	76.7060, 25.7809, -55.8702
Hunter-Lab	32.5488, -9.8507, -17.9481

Details

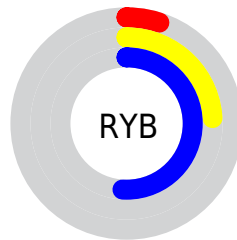
The Hex color **0D6381** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **812B0D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5296B6**, and **003450** is the 20% darker color. If you saturate the color by 10%, you get **006081**, and if you desaturate by 10%, it is **1A6681**.

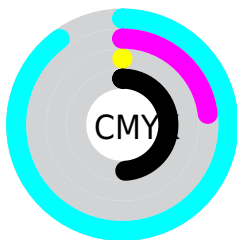
Distribution



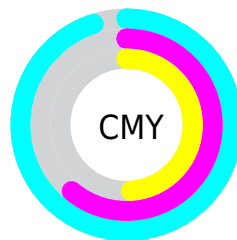
- Red (5%)
- Green (39%)
- Blue (51%)



- Red (5%)
- Yellow (24%)
- Blue (51%)



- Cyan (90%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6381 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 0D6381 by changing the saturation by 10% instead.

0D6381

0D6381

FFFFFF

004B68

5296B6

003450

6EB0D2

001F38

8ACCEE

000223

A6E8FF

00000A

C3FFFF

000000

E0FFFF

FEFFFF

0D6381

0D6381

■ 006081

■ 1A6681

■ 276A81

■ 346D81

■ 417081

■ 4E7481

■ 5A7781

■ 677A81

■ 747E81

■ 818181

Harmonies

Analogous

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



006672



0D6381



3E5D86

Triad

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



0D6381



844B5B



516137

Complementary

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



0D6381



812B0D

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.



685B30



0D6381



844D46

Square

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



0D6381



784E70



795336



376547

Rectangle

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



0D6381



565883



795336



595F33

Sweetspot

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



0D6381



7B9DA8



0D812A



394D54



D4D4D4



545454

Same Dimension

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



0D6381



007DA8



0D2A81



393E40



005F80



000000

Inverse Universe

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



810D63



A8007D



81640D



40393E



80005F



000000

Previews

White Background



This preview shows how the Hex color 0D6381 looks on a white background.

Color Contrast Check

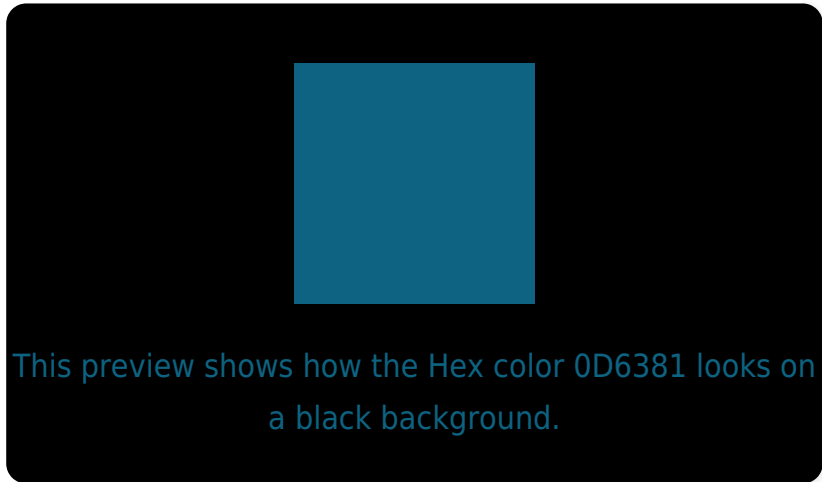
Large Text (above 18pt) WCAG AA ✓ Pass

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

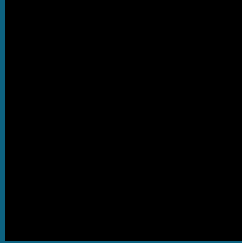
Any Text WCAG AA × Fail

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 0D6381 Background



This preview shows how black text looks on a background with the Hex color 0D6381.

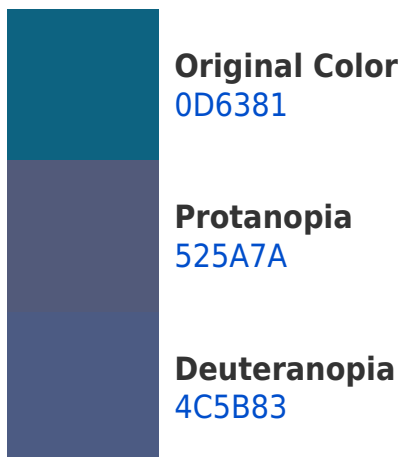


This preview shows how white text looks on a background with the Hex color 0D6381.

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](#).

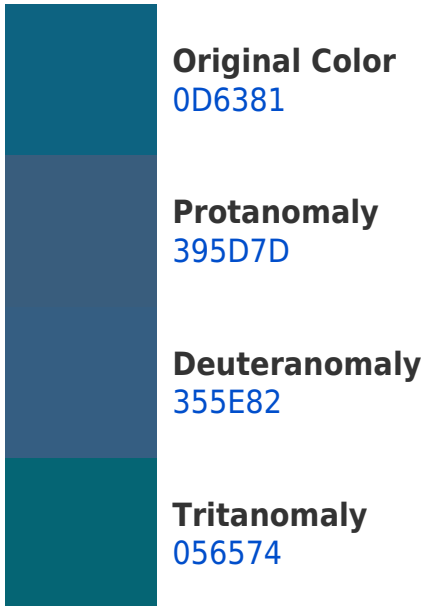
Dichromacy



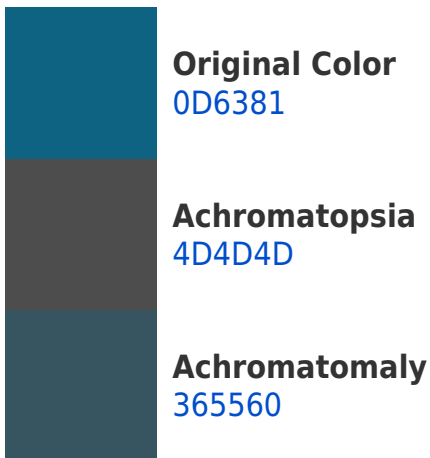


Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6381 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 #0D6381 looks like.

```
.text, #text, p{  
    color:#0D6381  
}
```

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 #0D6381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6381
}
```

Border

The CSS property to change the border of an element to Hex 0D6381 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
#0D6381 }
```

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

```
.border{ border-color:#0D6381 }
```

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

Here you see how a box with a 4 pixel #0D6381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6381; -webkit-box-shadow:4px 4px  
4px 4px #0D6381; box-shadow:4px 4px 4px  
4px #0D6381 }
```

Background

The CSS property to change the background color of an element to Hex 0D6381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6381 }
```

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

```
.background{ background-color:#0D6381 }
```

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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