

Converting Colors

Hex(0D6B83)

Have a look what the booklet for
Hex(0D6B83) contains.

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Color

Hex(0D6B83)

Conversions

Conversions Part 1

Format	Color
Hex	0D6B83
RGB	13, 107, 131
RGB Percent	5%, 42%, 51%
CMY	0.9490, 0.5804, 0.4863
CMYK	0.90, 0.18, 0.00, 0.49
HSL	192°, 82%, 28%
HSV	192°, 90%, 51%
XYZ	9.5204, 12.2396, 23.3334
YIQ	81.6300, -63.7280, -12.4640

Conversions

Conversions Part 2

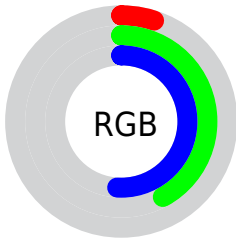
Format	Color
RYB	13, 65, 131
Decimal	879491
CIELab	41.59, -16.04, -20.38
CIELCh	42, 25.941, 231.791
Yxy	12.2396, 0.2111, 0.2714
Android (android.graphics.Color)	4279069571 (0xFF0D6B83)
YUV	81.6300, 24.3394, -60.1885
Hunter-Lab	34.9852, -12.6495, -15.0539

Details

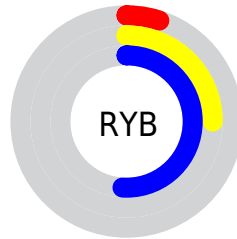
The Hex color **0D6B83** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83250D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **539EB8**, and **003B52** is the 20% darker color. If you saturate the color by 10%, you get **006883**, and if you desaturate by 10%, it is **1A6E83**.

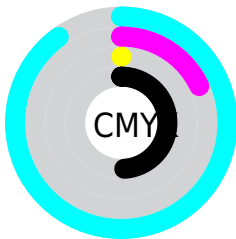
Distribution



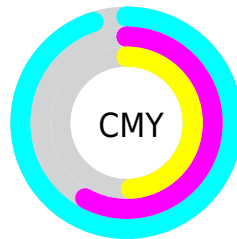
- Red (5%)
- Green (42%)
- Blue (51%)



- Red (5%)
- Yellow (25%)
- Blue (51%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6B83 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 0D6B83 by changing the saturation by 10% instead.

 0D6B83

 0D6B83

FFFFFF

 00536A

 539EB8

 003B52

 70B9D4

 00263A

 8CD5F0

 000D25

 A8F2FF

 00010E

 C5FFFF

 000000

 E2FFFF

 0D6B83

 0D6B83

 006883

 1A6E83

■ 277083

■ 347383

■ 417683

■ 4E7883

■ 5C7B83

■ 697E83

■ 768083

■ 838383

Harmonies

Analogous

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



066D71



0D6B83



38668C

Triad

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



0D6B83



875269



60663A

Complementary

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



0D6B83



83250D

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.



755F38



0D6B83



8C5253

Square

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



0D6B83



77577D



855741



486B47

Rectangle

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



0D6B83



51618C



855741



686438

Sweetspot

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



0D6B83



7DA1AB



0D8325



3B5157



D6D6D6



575757

Same Dimension

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



0D6B83



0088AB



0D3083



3C4142



006882



000203

Inverse Universe

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



830D6B



AB0088



83600D



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 0D6B83 looks on a white background.

Color Contrast Check

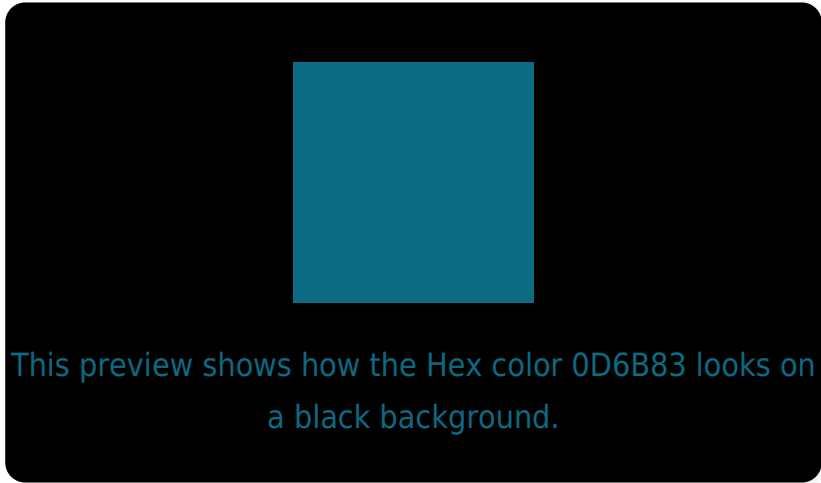
Large Text (above 18pt) WCAG AA ✓ Pass

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

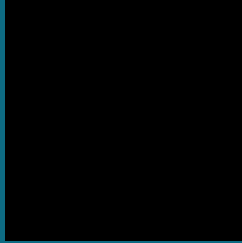
Any Text WCAG AA × Fail

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 0D6B83 Background



This preview shows how black text looks on a background with the Hex color 0D6B83.

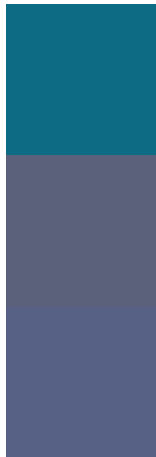


This preview shows how white text looks on a background with the Hex color 0D6B83.

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
0D6B83

Protanopia
5B617B

Deuteranopia
576185



Tritanopia
006D75

Trichromacy



Original Color
0D6B83

Protanomaly
3F657E

Deuteranomaly
3C6584

Tritanomaly
056C7A

Monochromacy



Original Color
0D6B83

Achromatopsia
525252

Achromatomaly
395B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6B83 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 #0D6B83 looks like.

```
.text, #text, p{  
    color:#0D6B83  
}
```

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 #0D6B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6B83
}
```

Border

The CSS property to change the border of an element to Hex 0D6B83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

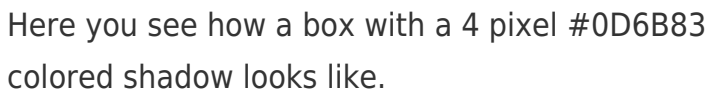
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D6B83 }
```

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

```
.border{ border-color:#0D6B83 }
```

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



Here you see how a box with a 4 pixel #0D6B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6B83; -webkit-box-shadow:4px 4px  
4px 4px #0D6B83; box-shadow:4px 4px 4px  
4px #0D6B83 }
```

Background

The CSS property to change the background color of an element to Hex 0D6B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6B83 }
```

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

```
.background{ background-color:#0D6B83 }
```

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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