

Converting Colors

Hex(0D586E)

Have a look what the booklet for
Hex(0D586E) contains.

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Color

Hex(0D586E)

Conversions

Conversions Part 1

Format	Color
Hex	0D586E
RGB	13, 88, 110
RGB Percent	5%, 35%, 43%
CMY	0.9490, 0.6549, 0.5686
CMYK	0.88, 0.20, 0.00, 0.57
HSL	194°, 79%, 24%
HSV	194°, 88%, 43%
XYZ	6.4702, 8.1908, 15.9918
YIQ	68.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

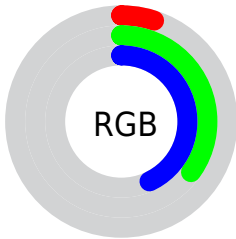
Format	Color
R_{YB}	13, 55, 110
Decimal	874606
CIE _{Lab}	34.38, -12.99, -18.66
CIE _{LCh}	34, 22.738, 235.170
Yxy	8.1908, 0.2111, 0.2672
Android (android.graphics.Color)	4279064686 (0xFF0D586E)
YUV	68.0830, 20.6651, -48.3078
Hunter-Lab	28.6196, -9.7298, -13.0959

Details

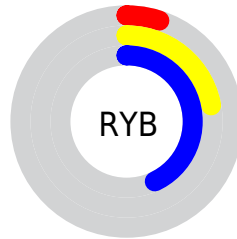
The Hex color **0D586E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E230D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4D8AA2**, and **002A3E** is the 20% darker color. If you saturate the color by 10%, you get **02566E**, and if you desaturate by 10%, it is **185A6E**.

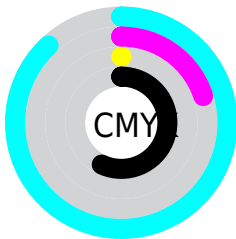
Distribution



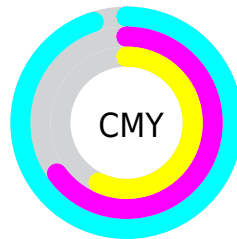
- Red (5%)
- Green (35%)
- Blue (43%)



- Red (5%)
- Yellow (22%)
- Blue (43%)



- Cyan (88%)
- Magenta (20%)
- Yellow (0%)
- Black (57%)



- Cyan (95%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D586E 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 0D586E by changing the saturation by 10% instead.

0D586E

0D586E

FFFFFF

004156

4D8AA2

002A3E

68A4BD

001728

83BFD9

000113

9FDBF5

000000

BBF8FF

D8FFFF

F5FFFF

0D586E

0D586E

■ 02566E

■ 185A6E

■ 00556E

■ 235D6E

■ 2E5F6E

■ 39626E

■ 44646E

■ 4F676E

■ 5A696E

■ 656C6E

■ 706E6E

Harmonies

Analogous

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



015A60



0D586E



315475

Triad

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



0D586E



714355



4D542F

Complementary

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



0D586E



6E230D

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.



5F4F2D



0D586E



744442

Square

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



0D586E



654766



6D4834



38583C

Rectangle

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



0D586E



454F74



6D4834



54532D

Sweetspot

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



0D586E



6A868F



0D6E22



314247



C7C7C7



474747

Same Dimension

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



0D586E



006E8F



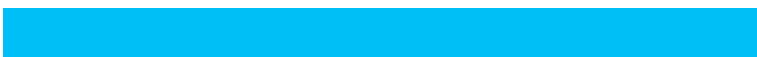
0D286E



323738



005D78



00BFF7

Inverse Universe

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



6E0D58



8F006E



6E530D



383237



78005D



F700BF

Previews

White Background



This preview shows how the Hex color 0D586E looks on a white background.

Color Contrast Check

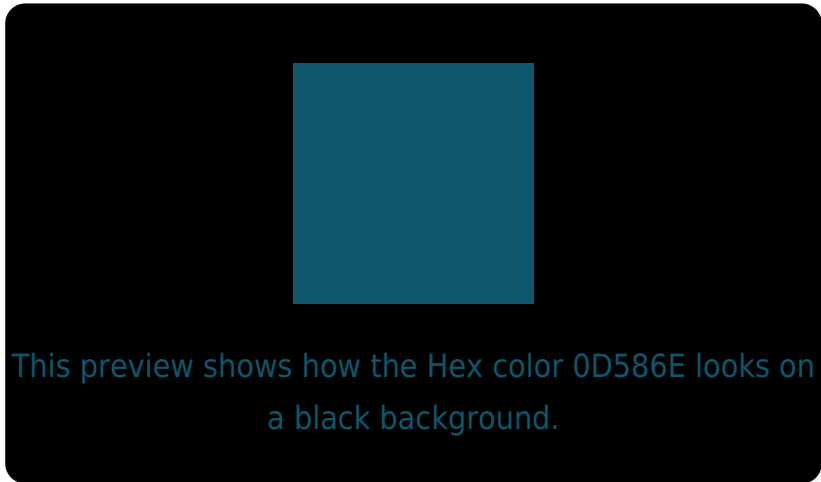
Large Text (above 18pt) WCAG AA ✓ Pass

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

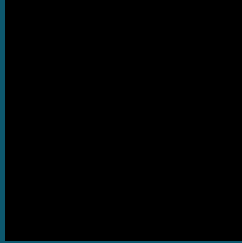
Any Text WCAG AA × Fail

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 0D586E Background



This preview shows how black text looks on a background with the Hex color 0D586E.

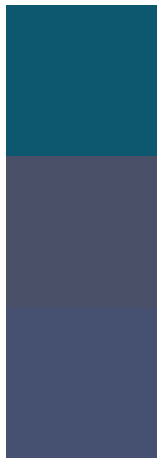


This preview shows how white text looks on a background with the Hex color 0D586E.

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
0D586E

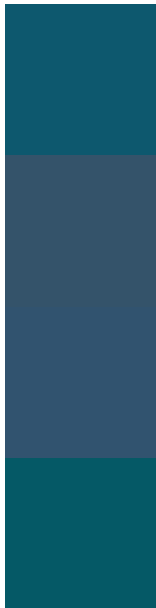
Protanopia
4A5068

Deuteranopia
465070



Tritanopia
005A61

Trichromacy



Original Color
0D586E

Protanomaly
34536A

Deuteranomaly
31536F

Tritanomaly
055966

Monochromacy



Original Color
0D586E

Achromatopsia
444444

Achromatomaly
304B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D586E 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 #0D586E looks like.

```
.text, #text, p{  
    color:#0D586E  
}
```

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 #0D586E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D586E
}
```

Border

The CSS property to change the border of an element to Hex 0D586E 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
#0D586E }
```

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

```
.border{ border-color:#0D586E }
```

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

Here you see how a box with a 4 pixel #0D586E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D586E; -webkit-box-shadow:4px 4px  
4px 4px #0D586E; box-shadow:4px 4px 4px  
4px #0D586E }
```

Background

The CSS property to change the background color of an element to Hex 0D586E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D586E }
```

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

```
.background{ background-color:#0D586E }
```

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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