

Converting Colors

Hex(01716D)

Have a look what the booklet for
Hex(01716D) contains.

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Color

Hex(01716D)

Conversions

Conversions Part 1

Format	Color
Hex	01716D
RGB	1, 113, 109
RGB Percent	0%, 44%, 43%
CMY	0.9961, 0.5569, 0.5725
CMYK	0.99, 0.00, 0.04, 0.56
HSL	178°, 98%, 22%
HSV	178°, 99%, 44%
XYZ	8.6780, 12.9208, 16.5046
YIQ	79.0560, -65.4680, -24.9880

Conversions

Conversions Part 2

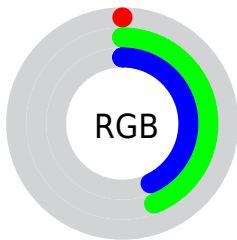
Format	Color
RYB	1, 58, 113
Decimal	94573
CIELab	42.64, -27.63, -5.53
CIELCh	43, 28.177, 191.314
Yxy	12.9208, 0.2277, 0.3391
Android (android.graphics.Color)	4278284653 (0xFF01716D)
YUV	79.0560, 14.7624, -68.4551
Hunter-Lab	35.9456, -19.8113, -2.0614

Details

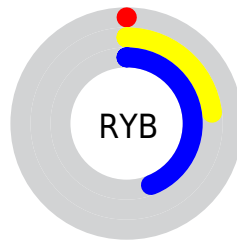
The Hex color **01716D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710105**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4DA5A0**, and **00403E** is the 20% darker color. If you saturate the color by 10%, you get **00716D**, and if you desaturate by 10%, it is **0C716D**.

Distribution



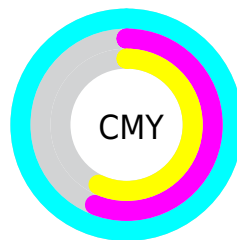
- Red (0%)
- Green (44%)
- Blue (43%)



- Red (0%)
- Yellow (23%)
- Blue (44%)



- Cyan (99%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01716D 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 01716D by changing the saturation by 10% instead.

01716D

01716D

FFFFFF

005855

4DA5A0

00403E

69C1BB

002A28

85DDD7

001114

A2F9F3

000000

BEFFFF

DBFFFF

F9FFFF

01716D

01716D

■ 00716D

■ 0C716D

■ 18716E

■ 23716E

■ 2E716F

■ 3A716F

■ 45716F

■ 507170

■ 5B7170

■ 677171

Harmonies

Analogous

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



337055



01716D



007083

Triad

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



01716D



725B88



805E39

Complementary

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



01716D



710105

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.



8E5647



01716D



895474

Square

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



01716D



506492



92525D



6B6636

Rectangle

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



01716D



0C6D8D



92525D



855B3C

Sweetspot

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



01716D



689492



077101



2F4A49



C9C9C9



4A4A4A

Same Dimension

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



01716D



00948F



013F71



323838



007874



00F7EF

Inverse Universe

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



710105



940005



713301



383233



780004



F70009

Previews

White Background



This preview shows how the Hex color 01716D 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

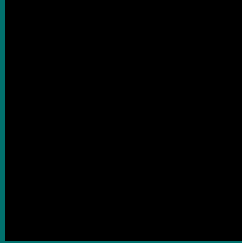
Any Text WCAG AA × Fail

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 01716D Background



This preview shows how black text looks on a background with the Hex color 01716D.

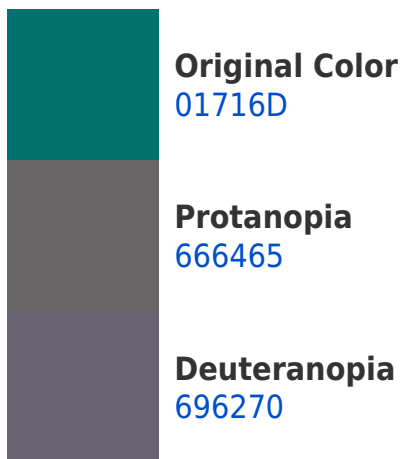


This preview shows how white text looks on a background with the Hex color 01716D.

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
186F78

Trichromacy



Original Color
01716D

Protanomaly
416968

Deuteranomaly
43676F

Tritanomaly
107074

Monochromacy



Original Color
01716D

Achromatopsia
4F4F4F

Achromatomaly
335B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 01716D 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 #01716D looks like.

```
.text, #text, p{  
    color:#01716D  
}
```

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 #01716D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01716D
}
```

Border

The CSS property to change the border of an element to Hex 01716D 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
#01716D }
```

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

```
.border{ border-color:#01716D }
```

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

Here you see how a box with a 4 pixel #01716D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01716D; -webkit-box-shadow:4px 4px  
4px 4px #01716D; box-shadow:4px 4px 4px  
4px #01716D }
```

Background

The CSS property to change the background color of an element to Hex 01716D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01716D }
```

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

```
.background{ background-color:#01716D }
```

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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