

Converting Colors

Hex(066C6D)

Have a look what the booklet for
Hex(066C6D) contains.

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Color

Hex(066C6D)

Conversions

Conversions Part 1

Format	Color
Hex	066C6D
RGB	6, 108, 109
RGB Percent	2%, 42%, 43%
CMY	0.9765, 0.5765, 0.5725
CMYK	0.94, 0.01, 0.00, 0.57
HSL	181°, 90%, 23%
HSV	181°, 94%, 43%
XYZ	8.1980, 11.8680, 16.3267
YIQ	77.6160, -61.1130, -21.3130

Conversions

Conversions Part 2

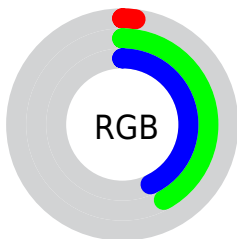
Format	Color
R _{YB}	6, 57, 109
Decimal	420973
CIE Lab	41.01, -24.80, -7.97
CIE LCh	41, 26.047, 197.813
Yxy	11.8680, 0.2253, 0.3261
Android (android.graphics.Color)	4278611053 (0xFF066C6D)
YUV	77.6160, 15.4723, -62.8072
Hunter-Lab	34.4499, -17.8100, -3.9841

Details

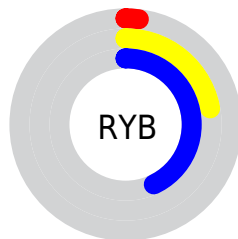
The Hex color **066C6D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D0706**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4DA0A0**, and **003C3E** is the 20% darker color. If you saturate the color by 10%, you get **006C6D**, and if you desaturate by 10%, it is **116C6D**.

Distribution



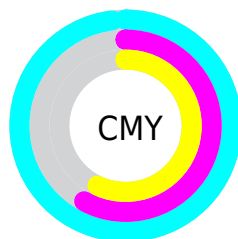
- Red (2%)
- Green (42%)
- Blue (43%)



- Red (2%)
- Yellow (22%)
- Blue (43%)



- Cyan (94%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066C6D 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 066C6D by changing the saturation by 10% instead.

066C6D

066C6D

FFFFFF

005355

4DA0A0

003C3E

69BBBB

002628

85D7D7

000814

A1F3F4

000000

BEFFFF

DBFFFF

F8FFFF

066C6D

066C6D

■ 006C6D

■ 116C6D

■ 1C6C6D

■ 276C6D

■ 326C6D

■ 3C6D6D

■ 476D6D

■ 526D6D

■ 5D6D6D

■ 686D6D

Harmonies

Analogous

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



2D6B57



066C6D



006A80

Triad

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



066C6D



73577E



765C37

Complementary

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



066C6D



6D0706

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.



855542



066C6D



85516A

Square

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



066C6D



565E89



8A5055



626337

Rectangle

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



066C6D



236788



8A5055



7C5A39

Sweetspot

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



066C6D



678E8F



066D06



2F4747



C7C7C7



474747

Same Dimension

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



066C6D



008D8F



06396D



303536



007475



00F2F5

Inverse Universe

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



6D066C



8F008D



6D3906



363035



750074



F500F2

Previews

White Background



This preview shows how the Hex color 066C6D looks on a white background.

Color Contrast Check

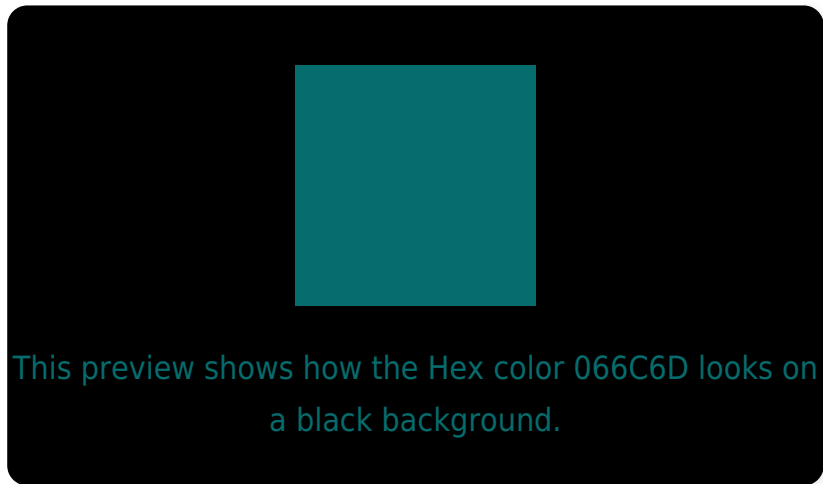
Large Text (above 18pt) WCAG AA ✓ Pass

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

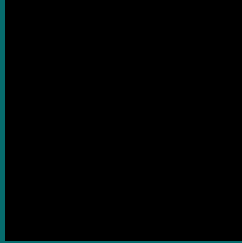
Any Text WCAG AA × Fail

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 066C6D Background



This preview shows how black text looks on a background with the Hex color 066C6D.

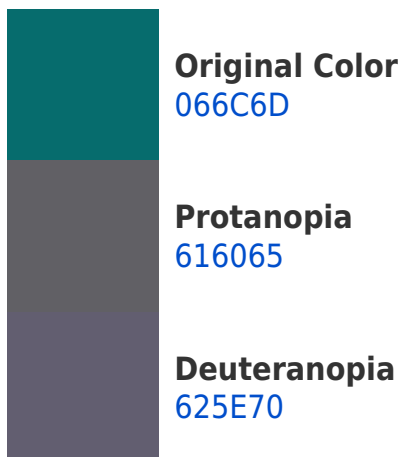


This preview shows how white text looks on a background with the Hex color 066C6D.

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
136B74

Trichromacy



Original Color
066C6D

Protanomaly
406468

Deuteranomaly
41636F

Tritanomaly
0E6B71

Monochromacy



Original Color
066C6D

Achromatopsia
4E4E4E

Achromatomaly
345959

CSS Examples

Text

The CSS property to change the color of the text to Hex 066C6D 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 #066C6D looks like.

```
.text, #text, p{  
    color:#066C6D  
}
```

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 #066C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066C6D
}
```

Border

The CSS property to change the border of an element to Hex 066C6D 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
#066C6D }
```

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

```
.border{ border-color:#066C6D }
```

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

Here you see how a box with a 4 pixel #066C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066C6D; -webkit-box-shadow:4px 4px  
4px 4px #066C6D; box-shadow:4px 4px 4px  
4px #066C6D }
```

Background

The CSS property to change the background color of an element to Hex 066C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066C6D }
```

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

```
.background{ background-color:#066C6D }
```

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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