

Converting Colors

Hex(066A68)

Have a look what the booklet for
Hex(066A68) contains.

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Color

Hex(066A68)

Conversions

Conversions Part 1

Format	Color
Hex	066A68
RGB	6, 106, 104
RGB Percent	2%, 42%, 41%
CMY	0.9765, 0.5843, 0.5922
CMYK	0.94, 0.00, 0.02, 0.58
HSL	179°, 89%, 22%
HSV	179°, 94%, 42%
XYZ	7.7278, 11.3463, 14.8795
YIQ	75.8720, -58.9580, -21.8220

Conversions

Conversions Part 2

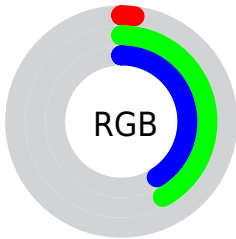
Format	Color
RYB	6, 57, 106
Decimal	420456
CIELab	40.16, -25.45, -6.19
CIELCh	40, 26.192, 193.676
Yxy	11.3463, 0.2276, 0.3342
Android (android.graphics.Color)	4278610536 (0xFF066A68)
YUV	75.8720, 13.8671, -61.2777
Hunter-Lab	33.6842, -17.9959, -2.6114

Details

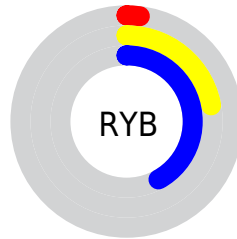
The Hex color **066A68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A0608**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4C9E9B**, and **003A39** is the 20% darker color. If you saturate the color by 10%, you get **006A68**, and if you desaturate by 10%, it is **116A68**.

Distribution



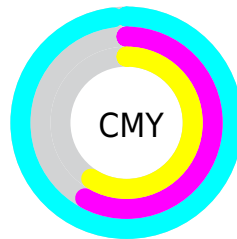
- Red (2%)
- Green (42%)
- Blue (41%)



- Red (2%)
- Yellow (22%)
- Blue (42%)



- Cyan (94%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (98%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066A68 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 066A68 by changing the saturation by 10% instead.



066A68



066A68

FFFFFF



005150



4C9E9B



003A39



68B9B6



002424



84D5D1



00020F



A0F1EE



000000



BCFFFF



D9FFFF



F6FFFF



066A68



066A68

■ 006A68

■ 116A68

■ 1B6A68

■ 266A69

■ 306A69

■ 3B6A69

■ 466A69

■ 506A69

■ 5B6A6A

■ 656A6A

Harmonies

Analogous

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



2F6952



066A68



00687C

Triad

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



066A68



6D557E



775936

Complementary

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



066A68



6A0608

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.



845242



066A68



814F6B

Square

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



066A68



4F5D88



884E56



636034

Rectangle

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



066A68



186684



884E56



7C5739

Sweetspot

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



066A68



638A89



096A06



2D4544



C4C4C4



454545

Same Dimension

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



066A68



008A87



063B6A



303635



007573



00F5F0

Inverse Universe

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



6A0608



8A0003



6A3506



363030



750002



F50005

Previews

White Background



This preview shows how the Hex color 066A68 looks on a white background.

Color Contrast Check

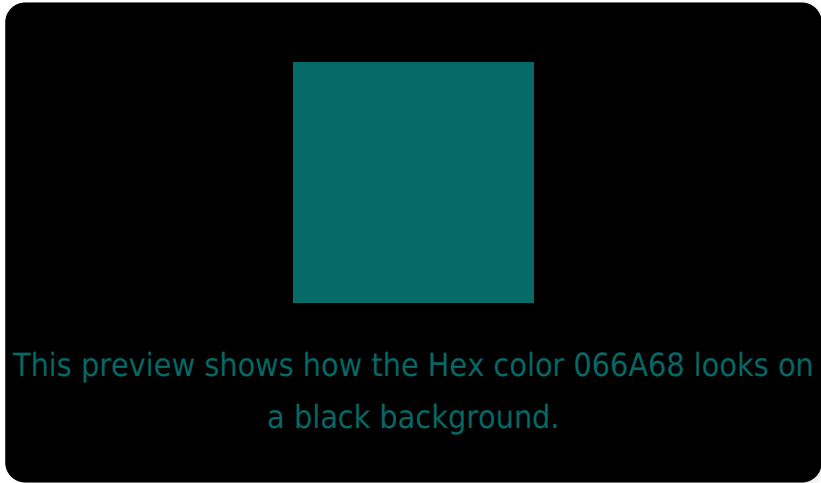
Large Text (above 18pt) WCAG AA ✓ Pass

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

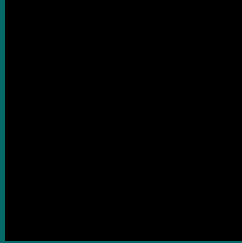
Any Text WCAG AA × Fail

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 066A68 Background



This preview shows how black text looks on a background with the Hex color 066A68.

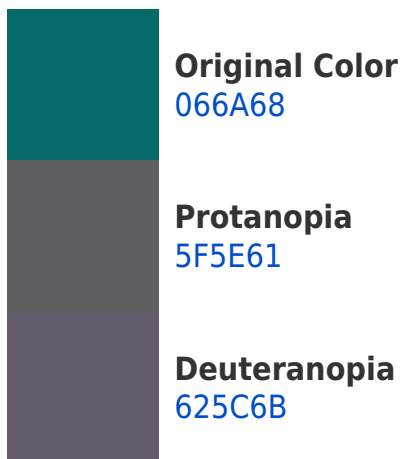



This preview shows how white text looks on a background with the Hex color 066A68.

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](#).

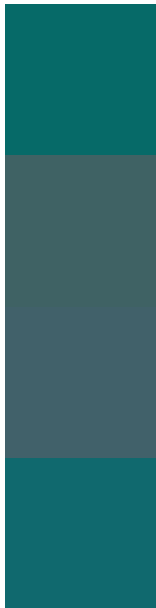
Dichromacy





Tritanopia
166971

Trichromacy



Original Color
066A68

Protanomaly
3F6264

Deuteranomaly
41616A

Tritanomaly
10696E

Monochromacy



Original Color
066A68

Achromatopsia
4C4C4C

Achromatomaly
335756

CSS Examples

Text

The CSS property to change the color of the text to Hex 066A68 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 #066A68 looks like.

```
.text, #text, p{  
    color:#066A68  
}
```

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 #066A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066A68
}
```

Border

The CSS property to change the border of an element to Hex 066A68 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
#066A68 }
```

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

```
.border{ border-color:#066A68 }
```

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

Here you see how a box with a 4 pixel #066A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066A68; -webkit-box-shadow:4px 4px  
4px 4px #066A68; box-shadow:4px 4px 4px  
4px #066A68 }
```

Background

The CSS property to change the background color of an element to Hex 066A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066A68 }
```

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

```
.background{ background-color:#066A68 }
```

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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