

Converting Colors

Hex(066868)

Have a look what the booklet for
Hex(066868) contains.

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Color

Hex(066868)

Conversions

Conversions Part 1

Format	Color
Hex	066868
RGB	6, 104, 104
RGB Percent	2%, 41%, 41%
CMY	0.9765, 0.5922, 0.5922
CMYK	0.94, 0.00, 0.00, 0.59
HSL	180°, 89%, 22%
HSV	180°, 94%, 41%
XYZ	7.5241, 10.9388, 14.8115
YIQ	74.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

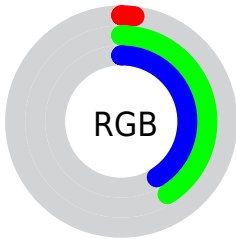
Format	Color
RYB	6, 55, 104
Decimal	419944
CIELab	39.48, -24.44, -7.21
CIElCh	39, 25.479, 196.436
Yxy	10.9388, 0.2261, 0.3287
Android (android.graphics.Color)	4278610024 (0xFF066868)
YUV	74.6980, 14.4459, -60.2481
Hunter-Lab	33.0739, -17.2716, -3.4002

Details

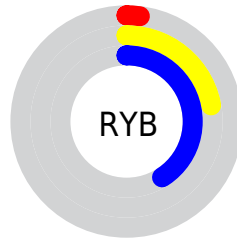
The Hex color **066868** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **680606**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4C9C9B**, and **003839** is the 20% darker color. If you saturate the color by 10%, you get **006868**, and if you desaturate by 10%, it is **106868**.

Distribution



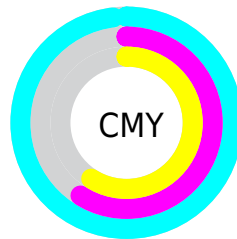
- Red (2%)
- Green (41%)
- Blue (41%)



- Red (2%)
- Yellow (22%)
- Blue (41%)



- Cyan (94%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 066868 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 066868 by changing the saturation by 10% instead.

 066868

 066868

FFFFFF

 005050

 4C9C9B

 003839

 68B7B6

 002324

 83D2D1

 00010F

 9FEFEE

 000000

 BCFFFF

 D8FFFF

 F6FFFF

 066868

 066868

■ 006868

■ 106868

■ 1B6868

■ 256868

■ 306868

■ 3A6868

■ 446868

■ 4F6868

■ 596868

■ 646868

Harmonies

Analogous

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



2C6753



066868



00667A

Triad

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



066868



6E537A



735835

Complementary

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



066868



680606

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.



805140



066868



7F4E67

Square

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



066868



515B85



854D52



5F5F34

Rectangle

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



066868



1E6483



854D52



785637

Sweetspot

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



066868



618787



066806



2D4545



C4C4C4



454545

Same Dimension

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



066868



008787



063768



2E3333



007373



00F2F2

Inverse Universe

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



680668



870087



683706



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 066868 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

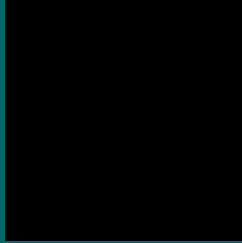
Any Text WCAG AA × Fail

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 066868 Background



This preview shows how black text looks on a background with the Hex color 066868.

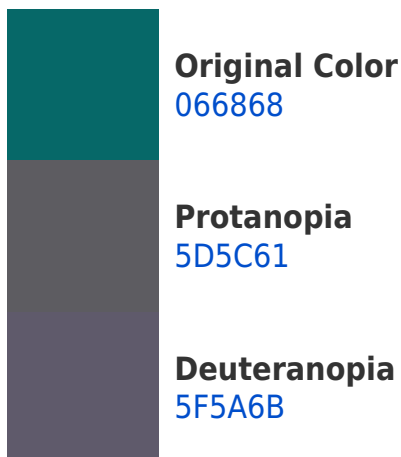



This preview shows how white text looks on a background with the Hex color 066868.

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](#).

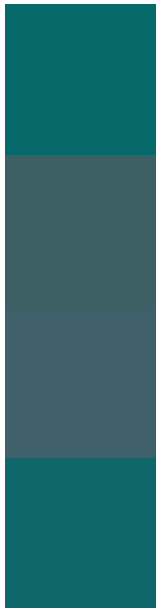
Dichromacy





Tritanopia
14676F

Trichromacy



Original Color
066868

Protanomaly
3D6064

Deuteranomaly
3F5F6A

Tritanomaly
0F676C

Monochromacy



Original Color
066868

Achromatopsia
4B4B4B

Achromatomaly
325656

CSS Examples

Text

The CSS property to change the color of the text to Hex 066868 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 #066868 looks like.

```
.text, #text, p{  
    color:#066868  
}
```

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 #066868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066868
}
```

Border

The CSS property to change the border of an element to Hex 066868 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
#066868 }
```

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

```
.border{ border-color:#066868 }
```

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

Here you see how a box with a 4 pixel #066868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066868; -webkit-box-shadow:4px 4px  
4px 4px #066868; box-shadow:4px 4px 4px  
4px #066868 }
```

Background

The CSS property to change the background color of an element to Hex 066868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066868 }
```

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

```
.background{ background-color:#066868 }
```

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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