

Converting Colors

Hex(056B69)

Have a look what the booklet for
Hex(056B69) contains.

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Color

Hex(056B69)

Conversions

Conversions Part 1

Format	Color
Hex	056B69
RGB	5, 107, 105
RGB Percent	2%, 42%, 41%
CMY	0.9804, 0.5804, 0.5882
CMYK	0.95, 0.00, 0.02, 0.58
HSL	179°, 91%, 22%
HSV	179°, 95%, 42%
XYZ	7.8701, 11.5676, 15.1826
YIQ	76.2740, -60.1500, -22.2460

Conversions

Conversions Part 2

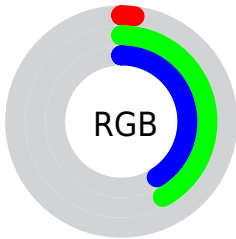
Format	Color
RYB	5, 57, 107
Decimal	355177
CIELab	40.52, -25.69, -6.26
CIELCh	41, 26.445, 193.698
Yxy	11.5676, 0.2273, 0.3341
Android (android.graphics.Color)	4278545257 (0xFF056B69)
YUV	76.2740, 14.1619, -62.5073
Hunter-Lab	34.0111, -18.2151, -2.6593

Details

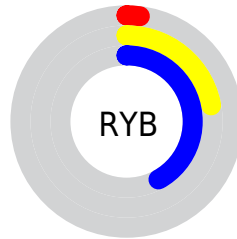
The Hex color **056B69** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0507**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4C9F9C**, and **003B3A** is the 20% darker color. If you saturate the color by 10%, you get **006B69**, and if you desaturate by 10%, it is **106B69**.

Distribution



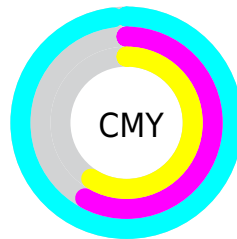
- Red (2%)
- Green (42%)
- Blue (41%)



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



- Cyan (95%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 056B69 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 056B69 by changing the saturation by 10% instead.



056B69



056B69

FFFFFF



005251



4C9F9C



003B3A



68BAB7



002524



84D6D3



000410



A0F2EF



000000



BCFFFF



D9FFFF



F7FFFF



056B69



056B69

■ 006B69

■ 106B69

■ 1A6B69

■ 256B6A

■ 306B6A

■ 3B6B6A

■ 456B6A

■ 506B6A

■ 5B6B6B

■ 656B6B

Harmonies

Analogous

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



2F6A53



056B69



00697D

Triad

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



056B69



6E567F



785A36

Complementary

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



056B69



6B0507

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.



855343



056B69



82506C

Square

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



056B69



505E89



894F56



646135

Rectangle

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



056B69



176786



894F56



7D5839

Sweetspot

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



056B69



648C8B



086B05



2E4747



C7C7C7



474747

Same Dimension

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



056B69



008C89



053B6B



303635



007573



00F5F0

Inverse Universe

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



6B0507



8C0003



6B3505



363030



750002



F50005

Previews

White Background



This preview shows how the Hex color 056B69 looks on a white background.

Color Contrast Check

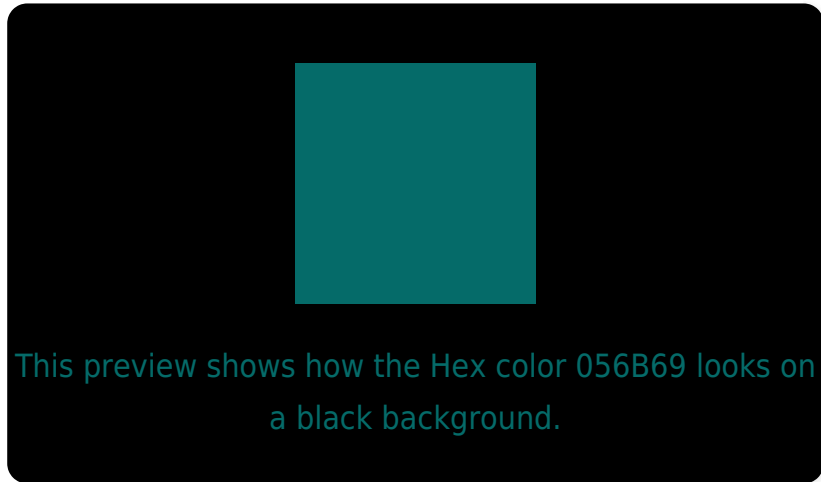
Large Text (above 18pt) WCAG AA ✓ Pass

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

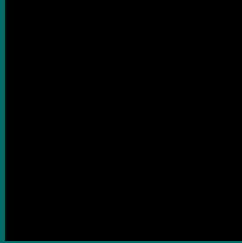
Any Text WCAG AA × Fail

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 056B69 Background



This preview shows how black text looks on a background with the Hex color 056B69.

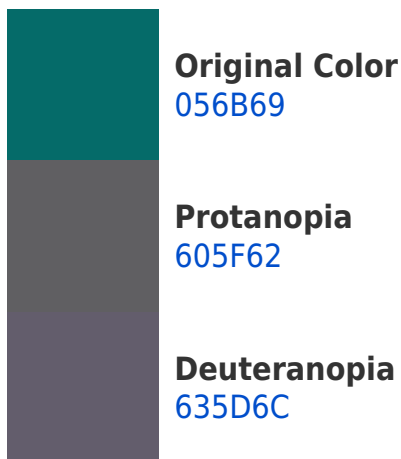


This preview shows how white text looks on a background with the Hex color 056B69.

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](#).

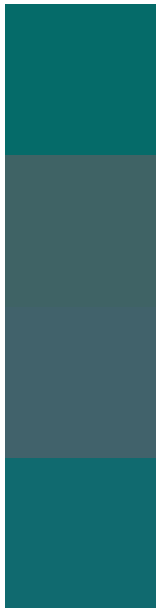
Dichromacy





Tritanopia
166A72

Trichromacy



Original Color
056B69

Protanomaly
3F6365

Deuteranomaly
41626B

Tritanomaly
106A6F

Monochromacy



Original Color
056B69

Achromatopsia
4C4C4C

Achromatomaly
325757

CSS Examples

Text

The CSS property to change the color of the text to Hex 056B69 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 #056B69 looks like.

```
.text, #text, p{  
    color:#056B69  
}
```

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 #056B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056B69
}
```

Border

The CSS property to change the border of an element to Hex 056B69 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
#056B69 }
```

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

```
.border{ border-color:#056B69 }
```

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

Here you see how a box with a 4 pixel #056B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056B69; -webkit-box-shadow:4px 4px  
4px 4px #056B69; box-shadow:4px 4px 4px  
4px #056B69 }
```

Background

The CSS property to change the background color of an element to Hex 056B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056B69 }
```

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

```
.background{ background-color:#056B69 }
```

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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