

Converting Colors

Hex(058B6E)

Have a look what the booklet for
Hex(058B6E) contains.

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Color

Hex(058B6E)

Conversions

Conversions Part 1

Format	Color
Hex	058B6E
RGB	5, 139, 110
RGB Percent	2%, 55%, 43%
CMY	0.9804, 0.4549, 0.5686
CMYK	0.96, 0.00, 0.21, 0.45
HSL	167°, 93%, 28%
HSV	167°, 96%, 55%
XYZ	12.1097, 19.6233, 17.9013
YIQ	95.6280, -70.5550, -37.4270

Conversions

Conversions Part 2

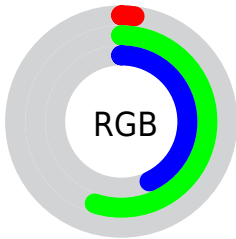
Format	Color
RYB	5, 80, 139
Decimal	363374
CIELab	51.41, -38.96, 6.66
CIELCh	51, 39.524, 170.304
Yxy	19.6233, 0.2440, 0.3954
Android (android.graphics.Color)	4278553454 (0xFF058B6E)
YUV	95.6280, 7.0854, -79.4808
Hunter-Lab	44.2982, -28.7257, 7.0491

Details

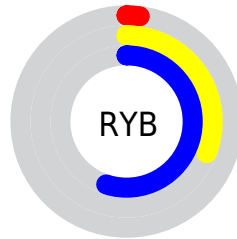
The Hex color **058B6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B0522**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **54C1A2**, and **00583E** is the 20% darker color. If you saturate the color by 10%, you get **008B6D**, and if you desaturate by 10%, it is **138B71**.

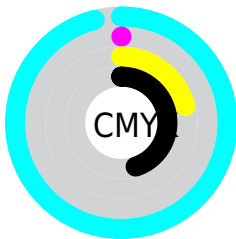
Distribution



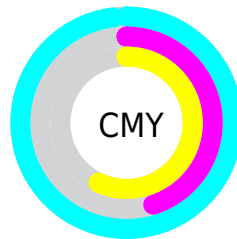
- Red (2%)
- Green (55%)
- Blue (43%)



- Red (2%)
- Yellow (31%)
- Blue (55%)



- Cyan (96%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (98%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 058B6E 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 058B6E by changing the saturation by 10% instead.

 058B6E

 058B6E

FFFFFF

 007156

 54C1A2

 00583E

 72DEBD

 004029

 8EFAD8

 002A14

 ABFFF5

 000A00

 C8FFFF

 000000

 E6FFFF

 058B6E

 058B6E

 008B6D

 138B71

 218B74

 2F8B77

 3D8B7A

 4B8B7D

 588B80

 668B83

 748B86

 828B89

Harmonies

Analogous

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



50874E



058B6E



008C91

Triad

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



058B6E



6B76BA



B06848

Complementary

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



058B6E



8B0522

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.



BA5F65



058B6E



9A69A6

Square

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



058B6E



1781BD



B45F87



987536

Rectangle

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



058B6E



008AA5



B45F87



B56550

Sweetspot

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



058B6E



81B5AA



228B05



3C5C55



DBDBDB



5C5C5C

Same Dimension

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



058B6E



00B58E



05658B



3E4543



008568



000504

Inverse Universe

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



8B0522



B50027



8B2B05



453E3F



85001D



050001

Previews

White Background



This preview shows how the Hex color 058B6E looks on a white background.

Color Contrast Check

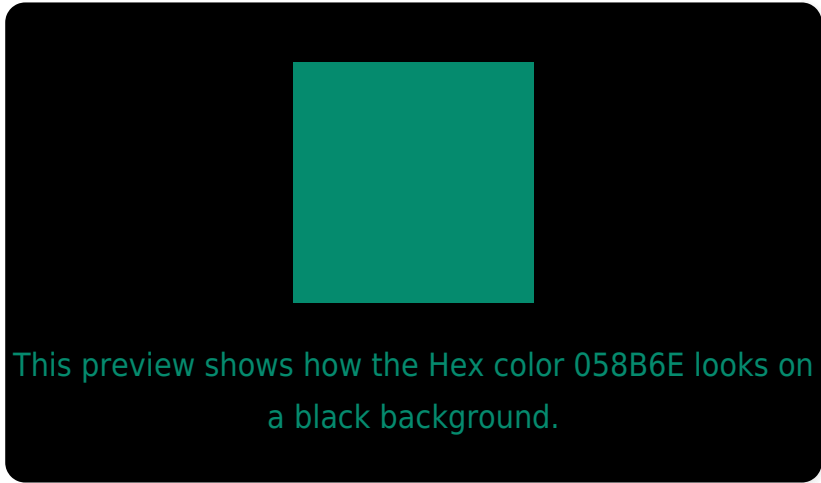
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

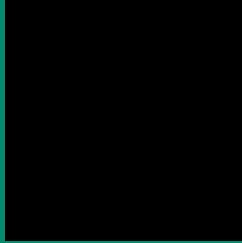
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 058B6E Background



This preview shows how black text looks on a background with the Hex color 058B6E.



This preview shows how white text looks on a background with the Hex color 058B6E.

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



Original Color
058B6E

Protanopia
817A65

Deuteranopia
887673



Tritanopia
2B8691

Trichromacy



Original Color
058B6E



Protanomaly
548068



Deuteranomaly
587E71



Tritanomaly
1D8884

Monochromacy



Original Color
058B6E



Achromatopsia
606060



Achromatomaly
3F7065

CSS Examples

Text

The CSS property to change the color of the text to Hex 058B6E 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 #058B6E looks like.

```
.text, #text, p{  
    color:#058B6E  
}
```

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 #058B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058B6E
}
```

Border

The CSS property to change the border of an element to Hex 058B6E 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
#058B6E }
```

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

```
.border{ border-color:#058B6E }
```

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

Here you see how a box with a 4 pixel #058B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058B6E; -webkit-box-shadow:4px 4px  
4px 4px #058B6E; box-shadow:4px 4px 4px  
4px #058B6E }
```

Background

The CSS property to change the background color of an element to Hex 058B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058B6E }
```

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

```
.background{ background-color:#058B6E }
```

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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