

Converting Colors

Hex(09646A)

Have a look what the booklet for
Hex(09646A) contains.

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Color

Hex(09646A)

Conversions

Conversions Part 1

Format	Color
Hex	09646A
RGB	9, 100, 106
RGB Percent	4%, 39%, 42%
CMY	0.9647, 0.6078, 0.5843
CMYK	0.92, 0.06, 0.00, 0.58
HSL	184°, 84%, 23%
HSV	184°, 92%, 42%
XYZ	7.2713, 10.2130, 15.2237
YIQ	73.4750, -56.1620, -17.4260

Conversions

Conversions Part 2

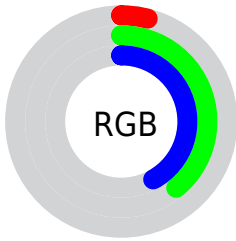
Format	Color
RYB	9, 56, 106
Decimal	615530
CIELab	38.22, -21.46, -10.32
CIELCh	38, 23.811, 205.680
Yxy	10.2130, 0.2223, 0.3122
Android (android.graphics.Color)	4278805610 (0xFF09646A)
YUV	73.4750, 16.0348, -56.5446
Hunter-Lab	31.9578, -15.3122, -5.8735

Details

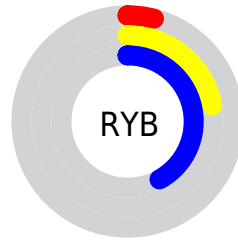
The Hex color **09646A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A0F09**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4C979D**, and **00353B** is the 20% darker color. If you saturate the color by 10%, you get **00636A**, and if you desaturate by 10%, it is **14656A**.

Distribution



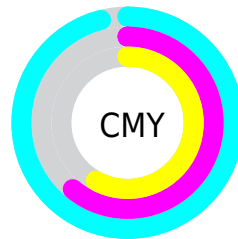
- Red (4%)
- Green (39%)
- Blue (42%)



- Red (4%)
- Yellow (22%)
- Blue (42%)



- Cyan (92%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09646A 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 09646A by changing the saturation by 10% instead.

09646A

09646A

FFFFFF

004C52

4C979D

00353B

68B2B8

002025

83CED4

000110

9FEAF0

000000

BCFFFF

D8FFFF

F6FFFF

09646A

09646A

■ 00636A

■ 14656A

■ 1E656A

■ 29666A

■ 33676A

■ 3E676A

■ 49686A

■ 53696A

■ 5E696A

■ 686A6A

Harmonies

Analogous

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



256456



09646A



166279

Triad

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



09646A



704F70



695833

Complementary

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



09646A



6A0F09

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.



78513B



09646A



7D4B5E

Square

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



09646A



58567D



7F4C4A



565E37

Rectangle

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



09646A



2E5F7F



7F4C4A



6F5635

Sweetspot

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



09646A



65878A



096A0E



2F4345



C4C4C4



454545

Same Dimension

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



09646A



00818A



09356A



303536



006E75



00E6F5

Inverse Universe

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



6A0964



8A0081



6A3E09



363035



75006E



F500E6

Previews

White Background



This preview shows how the Hex color 09646A looks on a white background.

Color Contrast Check

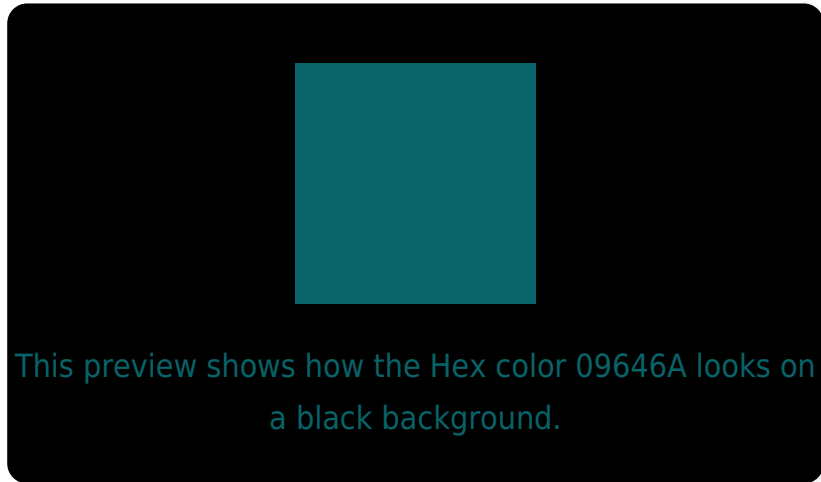
Large Text (above 18pt) WCAG AA ✓ Pass

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

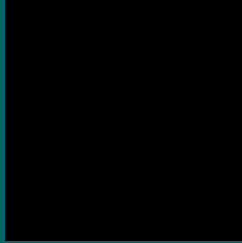
Any Text WCAG AA × Fail

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 09646A Background



This preview shows how black text looks on a background with the Hex color 09646A.



This preview shows how white text looks on a background with the Hex color 09646A.

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
09646A

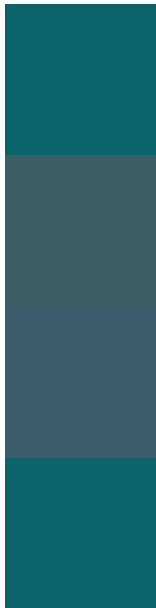
Protanopia
595963

Deuteranopia
59586D



Tritanopia
0D646C

Trichromacy



Original Color
09646A

Protanomaly
3C5D66

Deuteranomaly
3C5C6C

Tritanomaly
0C646B

Monochromacy



Original Color
09646A

Achromatopsia
494949

Achromatomaly
325355

CSS Examples

Text

The CSS property to change the color of the text to Hex 09646A 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 #09646A looks like.

```
.text, #text, p{  
    color:#09646A  
}
```

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 #09646A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09646A
}
```

Border

The CSS property to change the border of an element to Hex 09646A 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
#09646A }
```

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

```
.border{ border-color:#09646A }
```

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

Here you see how a box with a 4 pixel #09646A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09646A; -webkit-box-shadow:4px 4px  
4px 4px #09646A; box-shadow:4px 4px 4px  
4px #09646A }
```

Background

The CSS property to change the background color of an element to Hex 09646A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09646A }
```

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

```
.background{ background-color:#09646A }
```

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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