

Converting Colors

Hex(094B6B)

Have a look what the booklet for
Hex(094B6B) contains.

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Color

Hex(094B6B)

Conversions

Conversions Part 1

Format	Color
Hex	094B6B
RGB	9, 75, 107
RGB Percent	4%, 29%, 42%
CMY	0.9647, 0.7059, 0.5804
CMYK	0.92, 0.30, 0.00, 0.58
HSL	200°, 84%, 23%
HSV	200°, 92%, 42%
XYZ	5.2826, 6.1518, 14.8189
YIQ	58.9140, -49.6080, -4.0400

Conversions

Conversions Part 2

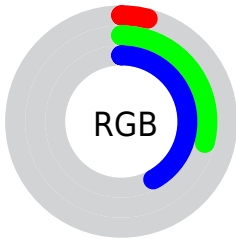
Format	Color
R_YB	9, 48, 107
Decimal	609131
CIE Lab	29.79, -6.57, -23.92
CIE LCh	30, 24.809, 254.649
Yxy	6.1518, 0.2012, 0.2343
Android (android.graphics.Color)	4278799211 (0xFF094B6B)
YUV	58.9140, 23.7064, -43.7746
Hunter-Lab	24.8028, -5.3873, -18.0621

Details

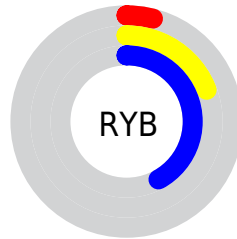
The Hex color **094B6B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6B2909**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **497C9F**, and **001F3B** is the 20% darker color. If you saturate the color by 10%, you get **00486B**, and if you desaturate by 10%, it is **144E6B**.

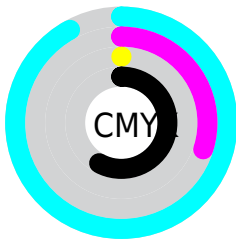
Distribution



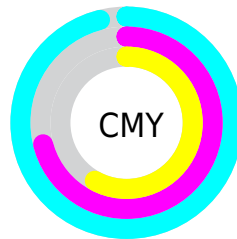
- Red (4%)
- Green (29%)
- Blue (42%)



- Red (4%)
- Yellow (19%)
- Blue (42%)



- Cyan (92%)
- Magenta (30%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094B6B 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 094B6B by changing the saturation by 10% instead.

094B6B

094B6B

FFFFFF

003453

497C9F

001F3B

6595BA

000226

80B0D5

00010F

9BCBF2

000000

B7E8FF

D4FFFF

F1FFFF

094B6B

094B6B

■ 00486B

■ 144E6B

■ 1E526B

■ 29556B

■ 34596B

■ 3F5C6B

■ 49606B

■ 54636B

■ 5F676B

■ 696A6B

Harmonies

Analogous

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



004F61



094B6B



38456B

Triad

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



094B6B



6B373D



334D2A

Complementary

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



094B6B



6B2909

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.



494820



094B6B



673B2C

Square

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



094B6B



653851



5A4221



164F3B

Rectangle

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



094B6B



4C4066



5A4221



3B4B25

Sweetspot

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



094B6B



66808C



096B28



314047



C7C7C7



474747

Same Dimension

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



094B6B



005E8C



091B6B



303436



004F75



00A5F5

Inverse Universe

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



6B094B



8C005E



6B5909



363034



75004F



F500A5

Previews

White Background



This preview shows how the Hex color 094B6B 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

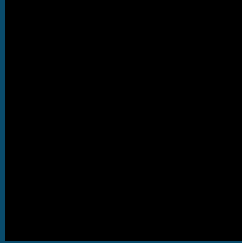
Any Text WCAG AA × Fail

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 094B6B Background



This preview shows how black text looks on a background with the Hex color 094B6B.



This preview shows how white text looks on a background with the Hex color 094B6B.

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
094B6B

Protanopia
3B4566

Deuteranopia
33466C



Tritanopia
004E54

Trichromacy



Original Color
094B6B

Protanomaly
294768

Deuteranomaly
24486C

Tritanomaly
034D5C

Monochromacy



Original Color
094B6B

Achromatopsia
3B3B3B

Achromatomaly
29414C

CSS Examples

Text

The CSS property to change the color of the text to Hex 094B6B 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 #094B6B looks like.

```
.text, #text, p{  
    color:#094B6B  
}
```

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 #094B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094B6B
}
```

Border

The CSS property to change the border of an element to Hex 094B6B 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
#094B6B }
```

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

```
.border{ border-color:#094B6B }
```

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

Here you see how a box with a 4 pixel #094B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094B6B; -webkit-box-shadow:4px 4px  
4px 4px #094B6B; box-shadow:4px 4px 4px  
4px #094B6B }
```

Background

The CSS property to change the background color of an element to Hex 094B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094B6B }
```

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

```
.background{ background-color:#094B6B }
```

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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