

Converting Colors

Hex(094BB8)

Have a look what the booklet for
Hex(094BB8) contains.

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Color

Hex(094BB8)

Conversions

Conversions Part 1

Format	Color
Hex	094BB8
RGB	9, 75, 184
RGB Percent	4%, 29%, 72%
CMY	0.9647, 0.7059, 0.2784
CMYK	0.95, 0.59, 0.00, 0.28
HSL	217°, 91%, 38%
HSV	217°, 95%, 72%
XYZ	11.2805, 8.5509, 46.4033
YIQ	67.6920, -74.3250, 19.9070

Conversions

Conversions Part 2

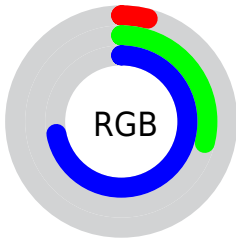
Format	Color
RYB	9, 57, 184
Decimal	609208
CIELab	35.10, 25.44, -62.40
CIElCh	35, 67.382, 292.178
Yxy	8.5509, 0.1703, 0.1291
Android (android.graphics.Color)	4278799288 (0xFF094BB8)
YUV	67.6920, 57.3398, -51.4729
Hunter-Lab	29.2420, 17.6852, -73.6165

Details

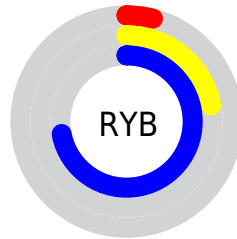
The Hex color **094BB8** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B87609**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **607BF1**, and **002182** is the 20% darker color. If you saturate the color by 10%, you get **0045B8**, and if you desaturate by 10%, it is **1B56B8**.

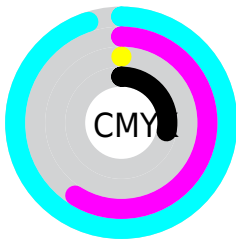
Distribution



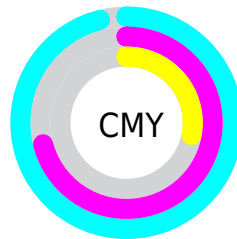
- Red (4%)
- Green (29%)
- Blue (72%)



- Red (4%)
- Yellow (22%)
- Blue (72%)



- Cyan (95%)
- Magenta (59%)
- Yellow (0%)
- Black (28%)



- Cyan (96%)
- Magenta (71%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094BB8 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 094BB8 by changing the saturation by 10% instead.

■ 094BB8

■ 094BB8

FFFFFF

■ 00359D

■ 607BF1

■ 002182

■ 7F95FF

■ 000E68

■ 9DAFFF

■ 00074F

■ BBCBFF

■ 000537

■ DAE7FF

■ 000221

■ F8FFFF

■ 000005

■ 000000

■ 094BB8

■ 094BB8

■ 0045B8

■ 1B56B8

■ 2E62B8

■ 406DB8

■ 5379B8

■ 6584B8

■ 7790B8

■ 8A9BB8

■ 9CA7B8

■ AFB2B8

Harmonies

Analogous

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



005EBF



094BB8



832996

Triad

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



094BB8



962F00



006742

Complementary

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



094BB8



B87609

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.



006400



094BB8



714C00

Square

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



094BB8



AB002E



405C00



00687A

Rectangle

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



094BB8



9F0075



405C00



00662F

Sweetspot

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



094BB8



AAC4F0



09B875



4E5E78



F7F7F7



787878

Same Dimension

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



094BB8



005AF0



1D09B8



53565C



003B9C



000B1C

Inverse Universe

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



B8094B



F0005A



A4B809



5C5356



9C003B



1C000B

Previews

White Background



This preview shows how the Hex color 094BB8 looks on a white background.

Color Contrast Check

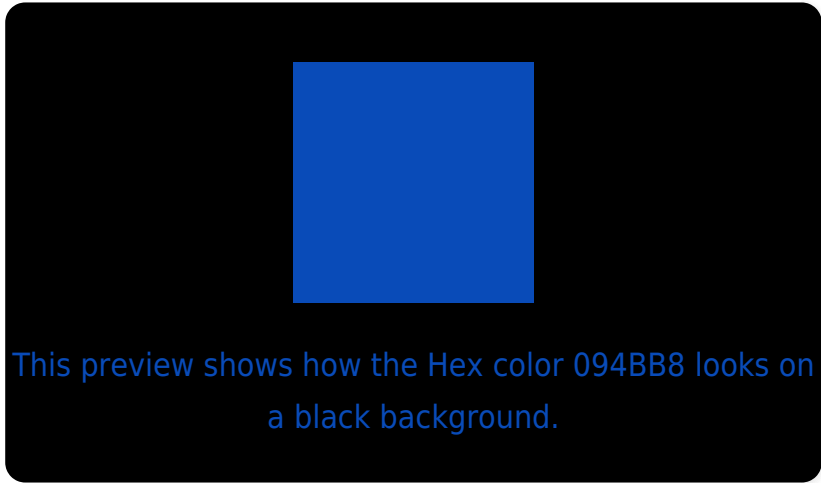
Large Text (above 18pt) WCAG AA ✓ Pass

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

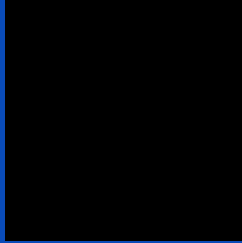
Any Text WCAG AA × Fail

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 094BB8 Background



This preview shows how black text looks on a background with the Hex color 094BB8.



This preview shows how white text looks on a background with the Hex color 094BB8.

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
094BB8

Protanopia
004FA8

Deuteranopia
005590



Tritanopia
005C61

Trichromacy



Original Color
094BB8

Protanomaly
034EAE

Deuteranomaly
03519F

Tritanomaly
035681

Monochromacy



Original Color
094BB8

Achromatopsia
444444

Achromatomaly
2F476E

CSS Examples

Text

The CSS property to change the color of the text to Hex 094BB8 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 #094BB8 looks like.

```
.text, #text, p{  
    color:#094BB8  
}
```

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 #094BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094BB8
}
```

Border

The CSS property to change the border of an element to Hex 094BB8 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
#094BB8 }
```

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

```
.border{ border-color:#094BB8 }
```

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

Here you see how a box with a 4 pixel #094BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094BB8; -webkit-box-shadow:4px 4px  
4px 4px #094BB8; box-shadow:4px 4px 4px  
4px #094BB8 }
```

Background

The CSS property to change the background color of an element to Hex 094BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094BB8 }
```

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

```
.background{ background-color:#094BB8 }
```

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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