

Converting Colors

Hex(094E8E)

Have a look what the booklet for
Hex(094E8E) contains.

Hex(094E8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(094E8E)

Conversions

Conversions Part 1

Format	Color
Hex	094E8E
RGB	9, 78, 142
RGB Percent	4%, 31%, 56%
CMY	0.9647, 0.6941, 0.4431
CMYK	0.94, 0.45, 0.00, 0.44
HSL	209°, 88%, 30%
HSV	209°, 94%, 56%
XYZ	7.7195, 7.4598, 26.6242
YIQ	64.6650, -61.6680, 5.2760

Conversions

Conversions Part 2

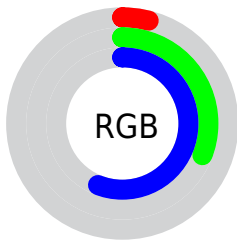
Format	Color
RYB	9, 54, 142
Decimal	609934
CIELab	32.83, 6.05, -40.87
CIELCh	33, 41.318, 278.420
Yxy	7.4598, 0.1847, 0.1784
Android (android.graphics.Color)	4278800014 (0xFF094E8E)
YUV	64.6650, 38.1262, -48.8182
Hunter-Lab	27.3127, 2.6531, -38.6765

Details

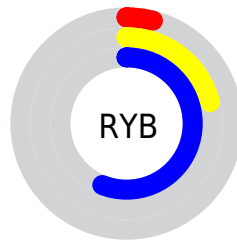
The Hex color **094E8E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8E4909**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **537EC4**, and **00235B** is the 20% darker color. If you saturate the color by 10%, you get **004A8E**, and if you desaturate by 10%, it is **17558E**.

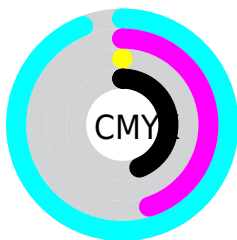
Distribution



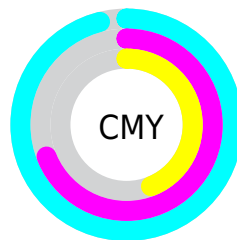
- Red (4%)
- Green (31%)
- Blue (56%)



- Red (4%)
- Yellow (21%)
- Blue (56%)



- Cyan (94%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094E8E 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 094E8E by changing the saturation by 10% instead.

■ 094E8E

■ 094E8E

FFFFFF

■ 003874

■ 537EC4

■ 00235B

■ 7098E0

■ 000C43

■ 8CB3FD

■ 00032C

■ A9CEFF

■ 000117

■ C6EAFF

■ 000000

■ E3FFFF

■ 094E8E

■ 094E8E

■ 004A8E

■ 17558E

■ 255C8E

■ 34628E

■ 42698E

■ 50708E

■ 5E778E

■ 6C7E8E

■ 7B858E

■ 898B8E

Harmonies

Analogous

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



00578A



094E8E



5A4081

Triad

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



094E8E



823526



005B34

Complementary

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



094E8E



8E4909

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.



325715



094E8E



70430B

Square

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



094E8E



882C45



554F00



005C56

Rectangle

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



094E8E



733670



554F00



055A29

Sweetspot

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



094E8E



849FB8



098E47



3D4D5C



DBDBDB



5C5C5C

Same Dimension

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



094E8E



005FB8



090D8E



404447



004687



000408

Inverse Universe

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



8E094E



B8005F



8E8A09



474044



870046



080004

Previews

White Background



This preview shows how the Hex color 094E8E looks on a white background.

Color Contrast Check

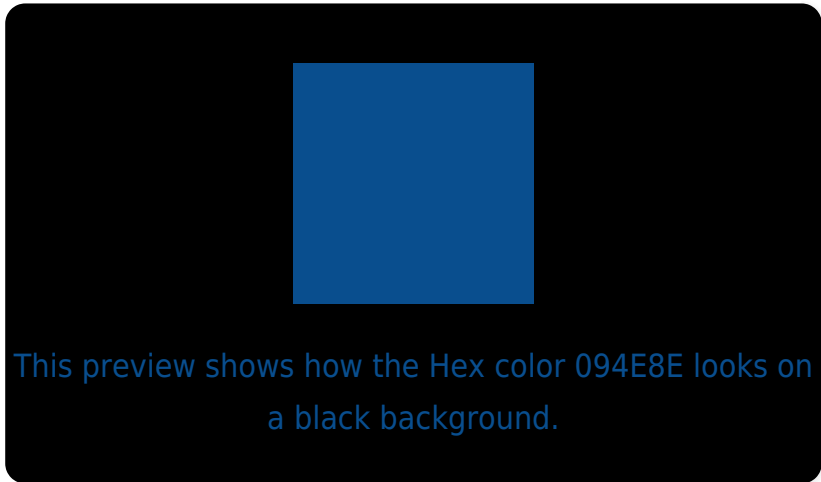
Large Text (above 18pt) WCAG AA ✓ Pass

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

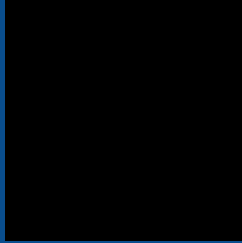
Any Text WCAG AA × Fail

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 094E8E Background



This preview shows how black text looks on a background with the Hex color 094E8E.



This preview shows how white text looks on a background with the Hex color 094E8E.

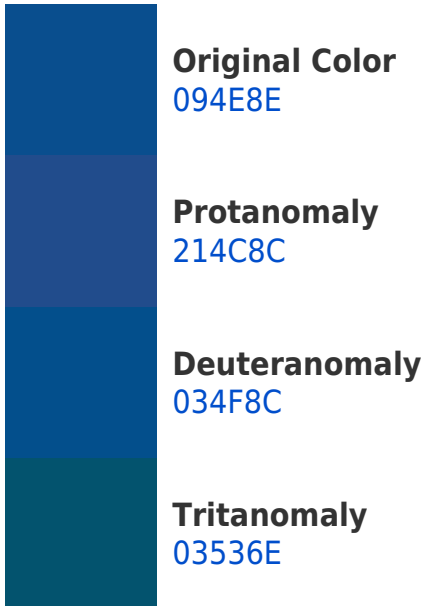
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 094E8E 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 #094E8E looks like.

```
.text, #text, p{  
    color:#094E8E  
}
```

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 #094E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094E8E
}
```

Border

The CSS property to change the border of an element to Hex 094E8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

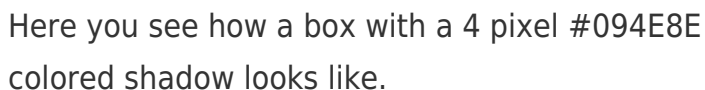
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#094E8E }
```

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

```
.border{ border-color:#094E8E }
```

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



Here you see how a box with a 4 pixel #094E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094E8E; -webkit-box-shadow:4px 4px  
4px 4px #094E8E; box-shadow:4px 4px 4px  
4px #094E8E }
```

Background

The CSS property to change the background color of an element to Hex 094E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094E8E }
```

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

```
.background{ background-color:#094E8E }
```

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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