

Converting Colors

Hex(094ACC)

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

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Color

Hex(094ACC)

Conversions

Conversions Part 1

Format	Color
Hex	094ACC
RGB	9, 74, 204
RGB Percent	4%, 29%, 80%
CMY	0.9647, 0.7098, 0.2000
CMYK	0.96, 0.64, 0.00, 0.20
HSL	220°, 92%, 42%
HSV	220°, 96%, 80%
XYZ	13.4605, 9.3153, 58.2153
YIQ	69.3850, -80.4700, 26.6500

Conversions

Conversions Part 2

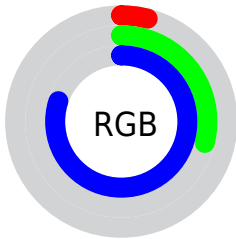
Format	Color
R_{YB}	9, 58, 204
Decimal	608972
CIE _{Lab}	36.58, 33.97, -71.66
CIE _{LCh}	37, 79.305, 295.359
Yxy	9.3153, 0.1662, 0.1150
Android (android.graphics.Color)	4278799052 (0xFF094ACC)
YUV	69.3850, 66.3652, -52.9576
Hunter-Lab	30.5209, 25.3115, -91.7245




Details

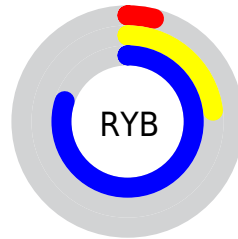
The Hex color **094ACC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CC8B09**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **667AFF**, and **002094** is the 20% darker color. If you saturate the color by 10%, you get **0044CC**, and if you desaturate by 10%, it is **1D58CC**.

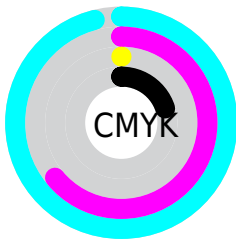
Distribution







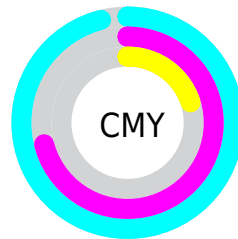
-  Red (4%)
-  Green (29%)
-  Blue (80%)






-  Red (4%)
-  Yellow (23%)
-  Blue (80%)



-  Cyan (96%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (96%)
-  Magenta (71%)
-  Yellow (20%)

Brightness & Saturation Gradients

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

 094ACC

 094ACC

FFFFFF

 0034B0


 667AFF

 002094

 8794FF

 000F7A

 A6AEFF

 000060

 C4CAFF

 000847

 E3E6FF

 000430

 00011A

 000000

 094ACC

 094ACC

0044CC

1D58CC

3265CC

4673CC

5B80CC

6F8ECC

839CCC

98A9CC

ACB7CC

C1C4CC

Harmonies

Analogous

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



0063D8



094ACC



9511A0

Triad

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



094ACC



A02E00



006D4A

Complementary

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



094ACC



CC8B09

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.



006A00



094ACC



725100

Square

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



094ACC



BB0025



336200



006F8C

Rectangle

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



094ACC



B30078



336200



006D33

Sweetspot

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



094ACC



B5CEFF



09CC8B



536280



000000



808080

Same Dimension

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



094ACC



0055FF



2909CC



5C5F66



0037A6



000D26

Inverse Universe

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



CC094A



FF0055



ABCC09



665C5F



A60037



26000D

Previews

White Background



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

Color Contrast Check

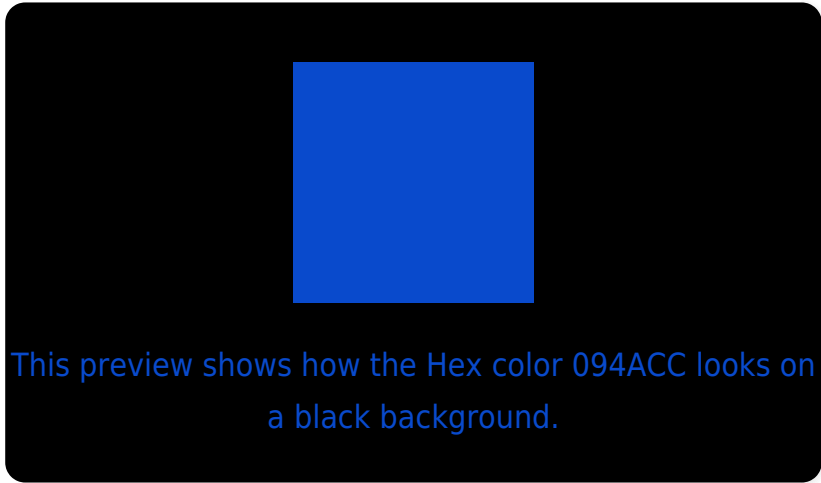
Large Text (above 18pt) WCAG AA ✓ Pass

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

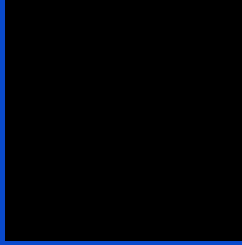
Any Text WCAG AA × Fail

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 094ACC Background



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

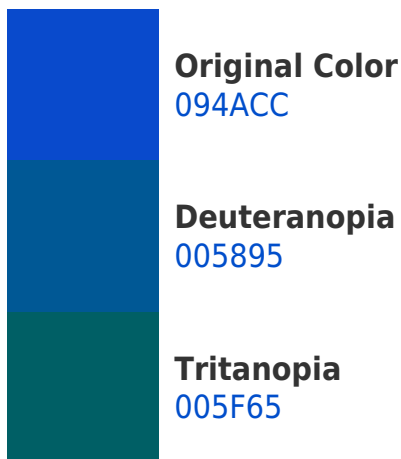


This preview shows how white text looks on a background with the Hex color 094ACC.

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



Original Color
094ACC

Deuteranomaly
0353A9

Tritanomaly
03578A

Monochromacy



Original Color
094ACC

Achromatopsia
454545

Achromatomaly
2F4776

CSS Examples

Text

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

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

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 #094ACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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