

# Converting Colors

Hex(094FDB)

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

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

# Color

**Hex(094FDB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	094FDB
RGB	9, 79, 219
RGB Percent	4%, 31%, 86%
CMY	0.9647, 0.6902, 0.1412
CMYK	0.96, 0.64, 0.00, 0.14
HSL	220°, 92%, 45%
HSV	220°, 96%, 86%
XYZ	15.6948, 10.7645, 68.2684
YIQ	74.0300, -86.6600, 28.7000

# Conversions

## Conversions Part 2

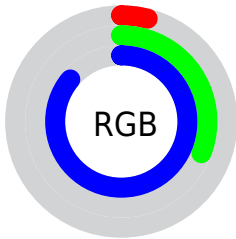
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 62, 219
Decimal	610267
CIE Lab	39.18, 36.46, -76.04
CIE LCh	39, 84.329, 295.618
Yxy	10.7645, 0.1657, 0.1136
Android (android.graphics.Color)	4278800347 (0xFF094FDB)
YUV	74.0300, 71.4702, -57.0313
Hunter-Lab	32.8093, 27.9718, -100.4019

# Details

The Hex color **094FDB** 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 **DB9509**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6B80FF**, and **0024A3** is the 20% darker color. If you saturate the color by 10%, you get **0049DB**, and if you desaturate by 10%, it is **1F5EDB**.

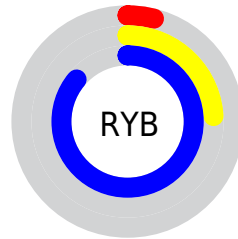
# Distribution



Red (4%)

Green (31%)

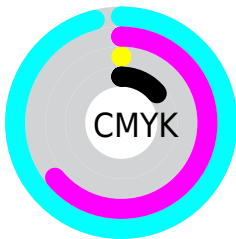
Blue (86%)



Red (4%)

Yellow (24%)

Blue (86%)

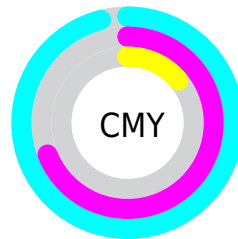


Cyan (96%)

Magenta (64%)

Yellow (0%)

Black (14%)



Cyan (96%)

Magenta (69%)

Yellow (14%)

# Brightness & Saturation Gradients

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



 094FDB

 094FDB

FFFFFF

 0039BF

 6B80FF

 0024A3

 8B9AFF

 001388

 ABB4FF

 00006D

 CAD0FF

 000B54

 EAECFF

 00063C

 000225

 00010D

 000000

■ 094FDB

■ 094FDB

■ 0049DB

■ 1F5EDB

■ 356CDB

■ 4B7BDB

■ 6189DB

■ 7698DB

■ 8CA7DB

■ A2B5DB

■ B8C4DB

■ CED2DB

# Harmonies

## Analogous

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



006AE9



094FDB



A00EAB

# Triad

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



094FDB



AB3100



007550

# Complementary

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



094FDB



DB9509

# 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.



007200



094FDB



7A5700

# Square

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



094FDB



C90027



356900



007797

# Rectangle

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



094FDB



C10080



356900



007437



# Sweetspot

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



094FDB



B5CEFF



09DB95



536280



000000



808080



# Same Dimension

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



094FDB



0055FF



2C09DB



63666E



003AAD



000F2E



# Inverse Universe

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



DB094F



FF0055



B8DB09



6E6366



AD003A



2E000F



# Previews

## White Background



This preview shows how the Hex color 094FDB 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



This preview shows how the Hex color 094FDB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

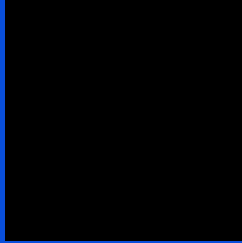
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 094FDB Background



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

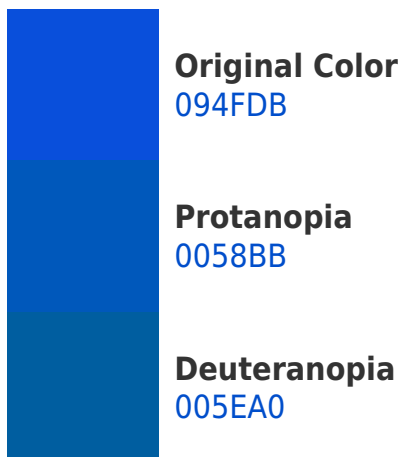


This preview shows how white text looks on a background with the Hex color 094FDB.

# 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





**Tritanopia**  
00666C

# Trichromacy



**Original Color**  
094FDB

**Protanomaly**  
0355C7

**Deuteranomaly**  
0359B5

**Tritanomaly**  
035E94

# Monochromacy



**Original Color**  
094FDB

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
324C7F

# CSS Examples

## Text

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

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

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 #094FDB colored shadow looks like.

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

## Border

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

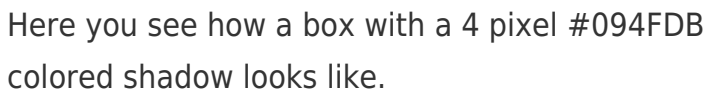
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor