

Converting Colors

Hex(093CB3)

Have a look what the booklet for
Hex(093CB3) contains.

Hex(093CB3)	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(093CB3)

Conversions

Conversions Part 1

Format	Color
Hex	093CB3
RGB	9, 60, 179
RGB Percent	4%, 24%, 70%
CMY	0.9647, 0.7647, 0.2980
CMYK	0.95, 0.66, 0.00, 0.30
HSL	222°, 90%, 37%
HSV	222°, 95%, 70%
XYZ	9.8652, 6.5445, 43.3911
YIQ	58.3170, -68.5950, 26.1970

Conversions

Conversions Part 2

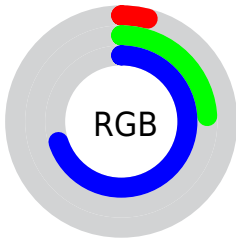
Format	Color
R _Y B	9, 48, 179
Decimal	605363
CIE Lab	30.75, 33.48, -66.58
CIE LCh	31, 74.526, 296.698
Yxy	6.5445, 0.1650, 0.1094
Android (android.graphics.Color)	4278795443 (0xFF093CB3)
YUV	58.3170, 59.4967, -43.2510
Hunter-Lab	25.5822, 24.0658, -82.6570

Details

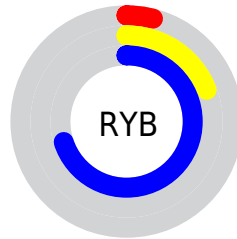
The Hex color **093CB3** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B38009**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **606BEC**, and **00147D** is the 20% darker color. If you saturate the color by 10%, you get **0036B3**, and if you desaturate by 10%, it is **1B49B3**.

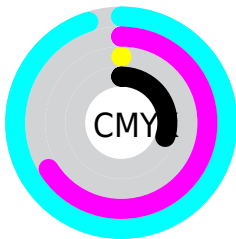
Distribution



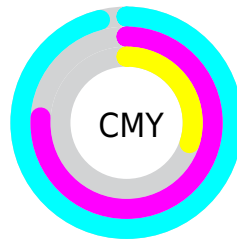
- Red (4%)
- Green (24%)
- Blue (70%)



- Red (4%)
- Yellow (19%)
- Blue (70%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (30%)



- Cyan (96%)
- Magenta (76%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 093CB3 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 093CB3 by changing the saturation by 10% instead.

■ 093CB3

■ 093CB3

FFFFFF

■ 002798

■ 606BEC

■ 00147D

■ 7F84FF

■ 000063

■ 9D9EFF

■ 00094A

■ BBB9FF

■ 000433

■ D9D5FF

■ 00021D

■ F8F1FF

■ 000000

■ 093CB3

■ 093CB3

■ 0036B3

■ 1B49B3

■ 2D55B3

■ 3F62B3

■ 516EB3

■ 627BB3

■ 7487B3

■ 8694B3

■ 98A0B3

■ AAADB3

Harmonies

Analogous

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



0053C0



093CB3



84008A

Triad

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



093CB3



892400



005D40

Complementary

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



093CB3



B38009

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.



005A00



093CB3



5F4400

Square

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



093CB3



A30019



225400



005E7C

Rectangle

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



093CB3



9E0065



225400



005D2B

Sweetspot

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



093CB3



A7BBE8



09B380



4D5975



F5F5F5



757575

Same Dimension

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



093CB3



0046E8



2B09B3



505359



002E99



00081A

Inverse Universe

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



B3093C



E80046



91B309



595053



99002E



1A0008

Previews

White Background



This preview shows how the Hex color 093CB3 looks on a white background.

Color Contrast Check

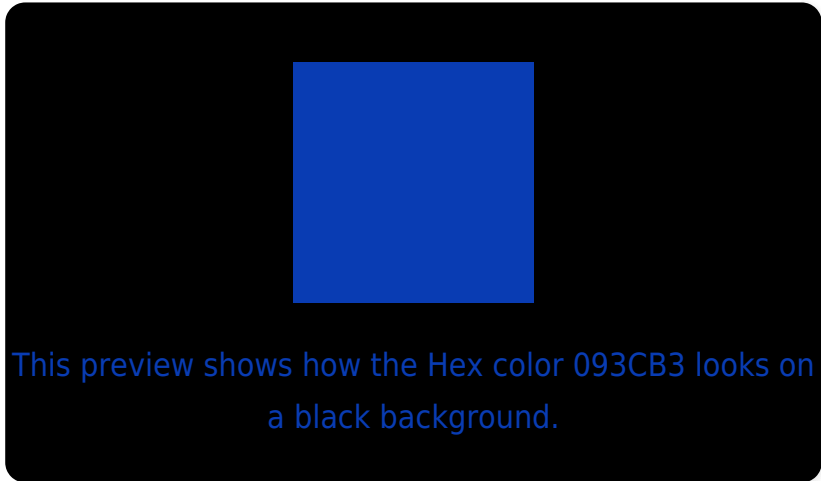
Large Text (above 18pt) WCAG AA ✓ Pass

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

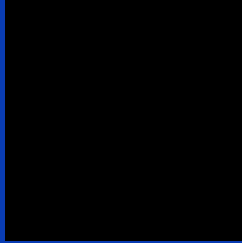
Any Text WCAG AA × Fail

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 093CB3 Background



This preview shows how black text looks on a background with the Hex color 093CB3.



This preview shows how white text looks on a background with the Hex color 093CB3.

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
093CB3

Protanopia
004693

Deuteranopia
004A7E

Trichromacy



Original Color
093CB3

Protanomaly
03429F

Deuteranomaly
034591

Tritanomaly
034977

Monochromacy



Original Color
093CB3

Achromatopsia
3A3A3A

Achromatomaly
283B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 093CB3 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 #093CB3 looks like.

```
.text, #text, p{  
    color:#093CB3  
}
```

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 #093CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093CB3
}
```

Border

The CSS property to change the border of an element to Hex 093CB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

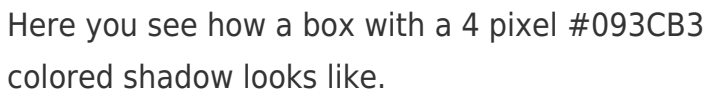
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#093CB3 }
```

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

```
.border{ border-color:#093CB3 }
```

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



Here you see how a box with a 4 pixel #093CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093CB3; -webkit-box-shadow:4px 4px  
4px 4px #093CB3; box-shadow:4px 4px 4px  
4px #093CB3 }
```

Background

The CSS property to change the background color of an element to Hex 093CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093CB3 }
```

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

```
.background{ background-color:#093CB3 }
```

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