

Converting Colors

Hex(094890)

Have a look what the booklet for
Hex(094890) contains.

Hex(094890)	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>	28

Color

Hex(094890)

Conversions

Conversions Part 1

Format	Color
Hex	094890
RGB	9, 72, 144
RGB Percent	4%, 28%, 56%
CMY	0.9647, 0.7176, 0.4353
CMYK	0.94, 0.50, 0.00, 0.44
HSL	212°, 88%, 30%
HSV	212°, 94%, 56%
XYZ	7.4641, 6.7064, 27.2866
YIQ	61.3710, -60.6600, 9.0360

Conversions

Conversions Part 2

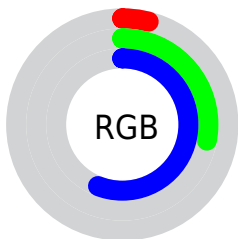
Format	Color
R_{YB}	9, 52, 144
Decimal	608400
CIE _{Lab}	31.13, 10.97, -44.84
CIE _{LCh}	31, 46.160, 283.753
Yxy	6.7064, 0.1800, 0.1618
Android (android.graphics.Color)	4278798480 (0xFF094890)
YUV	61.3710, 40.7361, -45.9294
Hunter-Lab	25.8968, 6.1286, -44.3443

Details

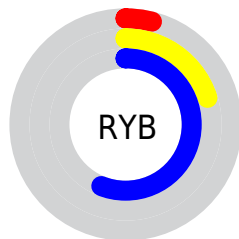
The Hex color **094890** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **905109**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5478C6**, and **001E5D** is the 20% darker color. If you saturate the color by 10%, you get **004390**, and if you desaturate by 10%, it is **175090**.

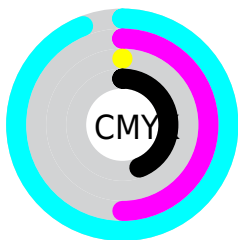
Distribution



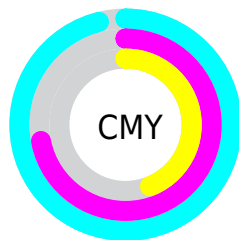
- Red (4%)
- Green (28%)
- Blue (56%)



- Red (4%)
- Yellow (20%)
- Blue (56%)



- Cyan (94%)
- Magenta (50%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (72%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094890 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 094890 by changing the saturation by 10% instead.

■ 094890

■ 094890

FFFFFF

■ 003276

■ 5478C6

■ 001E5D

■ 7191E3

■ 000345

■ 8DACFF

■ 00032E

■ AAC7FF

■ 000118

■ C7E3FF

■ 000000

■ E5FFFF

■ 094890

■ 094890

■ 004390

■ 175090

■ 265790

■ 345F90

■ 436790

■ 516E90

■ 5F7690

■ 6E7E90

■ 7C8590

■ 8B8D90

Harmonies

Analogous

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



00538F



094890



5F377E

Triad

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



094890



803018



005834

Complementary

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



094890



905109

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.



1E540E



094890



694000

Square

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



094890



89213A



4A4D00



005959

Rectangle

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



094890



772B6A



4A4D00



005727

Sweetspot

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



094890



869EBA



099051



3E4D5E



DEDEDE



5E5E5E

Same Dimension

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



094890



0057BA



0D0990



404447



003F87



000408

Inverse Universe

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



900948



BA0057



8C9009



474044



87003F



080004

Previews

White Background



This preview shows how the Hex color 094890 looks on a white background.

Color Contrast Check

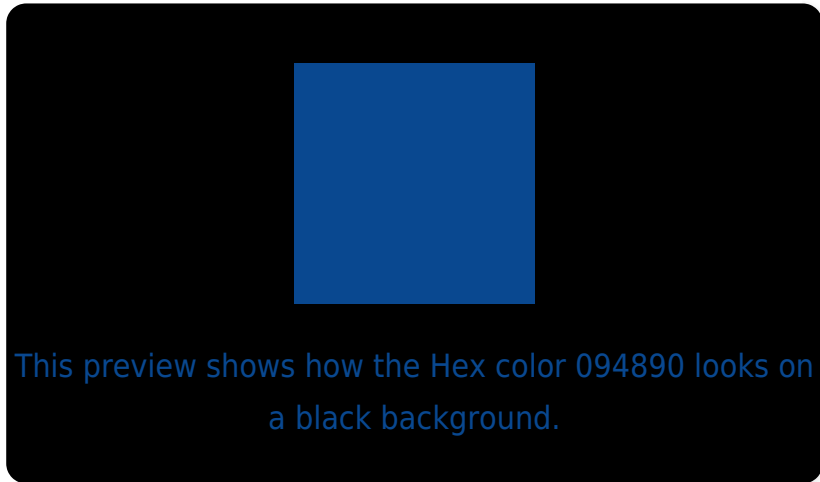
Large Text (above 18pt) WCAG AA ✓ Pass

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

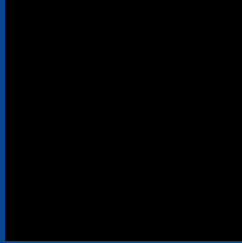
Any Text WCAG AA × Fail

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 094890 Background



This preview shows how black text looks on a background with the Hex color 094890.



This preview shows how white text looks on a background with the Hex color 094890.

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
094890

Protanopia
1E478F

Deuteranopia
004B82

Trichromacy



Original Color
094890

Protanomaly
16478F

Deuteranomaly
034A87

Monochromacy



Original Color
094890

Achromatopsia
3D3D3D

Achromatomaly
2A415B

CSS Examples

Text

The CSS property to change the color of the text to Hex 094890 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 #094890 looks like.

```
.text, #text, p{  
    color:#094890  
}
```

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 #094890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094890
}
```

Border

The CSS property to change the border of an element to Hex 094890 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
#094890 }
```

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

```
.border{ border-color:#094890 }
```

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

Here you see how a box with a 4 pixel #094890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094890; -webkit-box-shadow:4px 4px  
4px 4px #094890; box-shadow:4px 4px 4px  
4px #094890 }
```

Background

The CSS property to change the background color of an element to Hex 094890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094890 }
```

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

```
.background{ background-color:#094890 }
```

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