

Converting Colors

Hex(038A92)

Have a look what the booklet for
Hex(038A92) contains.

Hex(038A92)	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(038A92)

Conversions

Conversions Part 1

Format	Color
Hex	038A92
RGB	3, 138, 146
RGB Percent	1%, 54%, 57%
CMY	0.9882, 0.4588, 0.4275
CMYK	0.98, 0.05, 0.00, 0.43
HSL	183°, 96%, 29%
HSV	183°, 98%, 57%
XYZ	14.3143, 20.2716, 30.3525
YIQ	98.5470, -83.0280, -26.1320

Conversions

Conversions Part 2

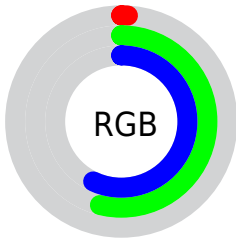
Format	Color
RYB	3, 72, 146
Decimal	232082
CIELab	52.14, -27.70, -13.16
CIELCh	52, 30.668, 205.415
Yxy	20.2716, 0.2204, 0.3122
Android (android.graphics.Color)	4278422162 (0xFF038A92)
YUV	98.5470, 23.3943, -83.7947
Hunter-Lab	45.0240, -22.0422, -8.4529

Details

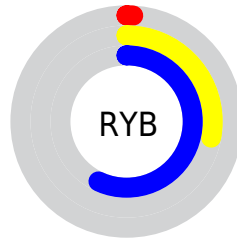
The Hex color **038A92** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **920B03**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **58C0C8**, and **005760** is the 20% darker color. If you saturate the color by 10%, you get **008A92**, and if you desaturate by 10%, it is **128B92**.

Distribution



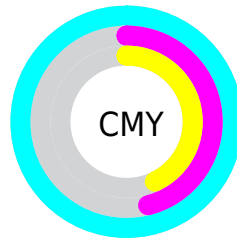
- Red (1%)
- Green (54%)
- Blue (57%)



- Red (1%)
- Yellow (28%)
- Blue (57%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (99%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038A92 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 038A92 by changing the saturation by 10% instead.

 038A92

 038A92

FFFFFF

 007078

 58C0C8

 005760

 76DCE4

 004048

 93F9FF

 002931

 B0FFFF

 000F1D

 CEFFFF

 000000

 ECFFFF

 038A92

 038A92

 008A92

 128B92

■ 208C92

■ 2F8C92

■ 3D8D92

■ 4C8E92

■ 5B8F92

■ 699092

■ 789192

■ 869192

Harmonies

Analogous

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



348A77



038A92



1B87A7

Triad

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



038A92



9A6E9B



917948

Complementary

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



038A92



920B03

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.



A57052



038A92



AC6881

Square

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



038A92



7977AC



AF6967



77824C

Rectangle

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



038A92



3E83AF



AF6967



99764A

Sweetspot

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



038A92



86BABD



03920A



3D5D5E



DEDEDE



5E5E5E

Same Dimension

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



038A92



00B2BD



034392



434A4A



00828A



000A0A

Inverse Universe

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



92038A



BD00B2



925203



4A434A



8A0082



0A000A

Previews

White Background



This preview shows how the Hex color 038A92 looks on a white background.

Color Contrast Check

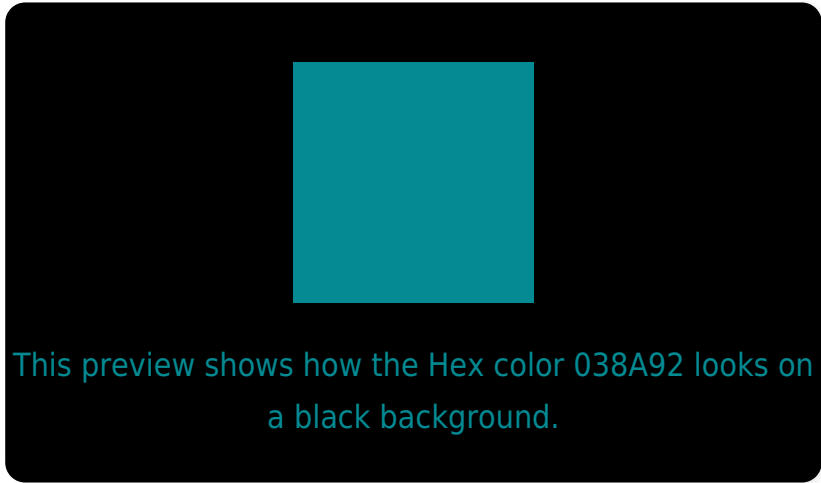
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

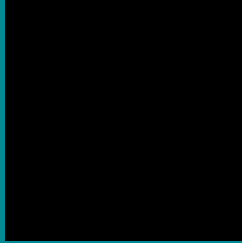
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 038A92 Background



This preview shows how black text looks on a background with the Hex color 038A92.

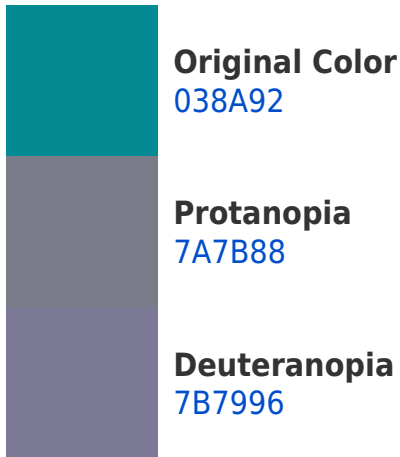


This preview shows how white text looks on a background with the Hex color 038A92.

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



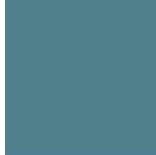


Tritanopia
0F8A95

Trichromacy



Original Color
038A92



Protanomaly
4F808C



Deuteranomaly
4F7F95



Tritanomaly
0B8A94

Monochromacy



Original Color
038A92



Achromatopsia
636363



Achromatomaly
407174

CSS Examples

Text

The CSS property to change the color of the text to Hex 038A92 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 #038A92 looks like.

```
.text, #text, p{  
    color:#038A92  
}
```

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 #038A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038A92
}
```

Border

The CSS property to change the border of an element to Hex 038A92 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
#038A92 }
```

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

```
.border{ border-color:#038A92 }
```

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

Here you see how a box with a 4 pixel #038A92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038A92; -webkit-box-shadow:4px 4px  
4px 4px #038A92; box-shadow:4px 4px 4px  
4px #038A92 }
```

Background

The CSS property to change the background color of an element to Hex 038A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038A92 }
```

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

```
.background{ background-color:#038A92 }
```

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