

Converting Colors

Hex(1093A8)

Have a look what the booklet for
Hex(1093A8) contains.

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Color

Hex(1093A8)

Conversions

Conversions Part 1

Format	Color
Hex	1093A8
RGB	16, 147, 168
RGB Percent	6%, 58%, 66%
CMY	0.9373, 0.4235, 0.3412
CMYK	0.90, 0.13, 0.00, 0.34
HSL	188°, 83%, 36%
HSV	188°, 90%, 66%
XYZ	17.7153, 23.8047, 40.7069
YIQ	110.2250, -84.8170, -21.2410

Conversions

Conversions Part 2

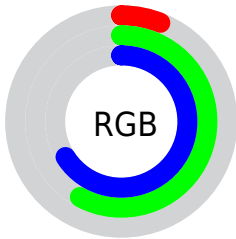
Format	Color
R_{YB}	16, 86, 168
Decimal	1086376
CIE _{Lab}	55.89, -24.27, -20.13
CIE _{LCh}	56, 31.529, 219.671
Yxy	23.8047, 0.2154, 0.2895
Android (android.graphics.Color)	4279276456 (0xFF1093A8)
YUV	110.2250, 28.4831, -82.6353
Hunter-Lab	48.7901, -20.5708, -15.3141

Details

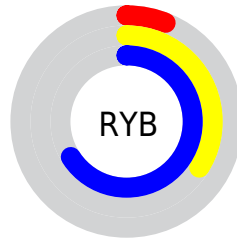
The Hex color **1093A8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A82510**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **60C9DF**, and **006074** is the 20% darker color. If you saturate the color by 10%, you get **0091A8**, and if you desaturate by 10%, it is **2195A8**.

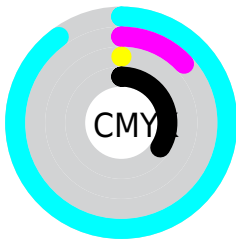
Distribution



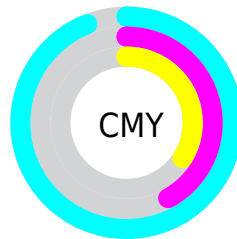
- Red (6%)
- Green (58%)
- Blue (66%)



- Red (6%)
- Yellow (34%)
- Blue (66%)



- Cyan (90%)
- Magenta (13%)
- Yellow (0%)
- Black (34%)



- Cyan (94%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1093A8 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 1093A8 by changing the saturation by 10% instead.

 1093A8

 1093A8

FFFFFF

 00798E

 60C9DF

 006074

 7EE5FC

 00485B

 9CFFFF

 003144

 BAFFFF

 001E2D

 D8FFFF

 000119

 F6FFFF

 000000

 1093A8

 1093A8

 0091A8

 2195A8

 3298A8

 429AA8

 539CA8

 649FA8

 75A1A8

 86A3A8

 96A6A8

 A7A8A8

Harmonies

Analogous

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



28958E



1093A8



3D8EB9

Triad

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



1093A8



AF739A



8F874F

Complementary

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



1093A8



A82510

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.



A87E53



1093A8



BB717E

Square

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



1093A8



957CB0



B87564



718F5B

Rectangle

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



1093A8



5E89BC



B87564



98844F

Sweetspot

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



1093A8



A0D3DB



10A824



4B696E



EDEDED



6E6E6E

Same Dimension

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



1093A8



00BDD8



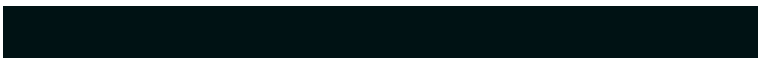
1048A8



4C5354



007F94



001214

Inverse Universe

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



A81093



DB00BD



A87010



544C53



94007F



140012

Previews

White Background



This preview shows how the Hex color 1093A8 looks on a white background.

Color Contrast Check

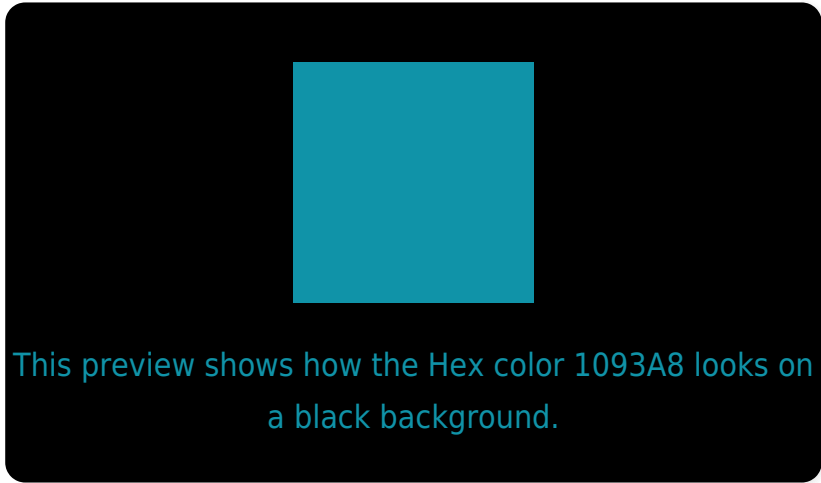
Large Text (above 18pt) WCAG AA ✓ Pass

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

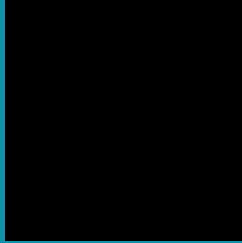
Any Text WCAG AA ✓ Pass

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 1093A8 Background



This preview shows how black text looks on a background with the Hex color 1093A8.

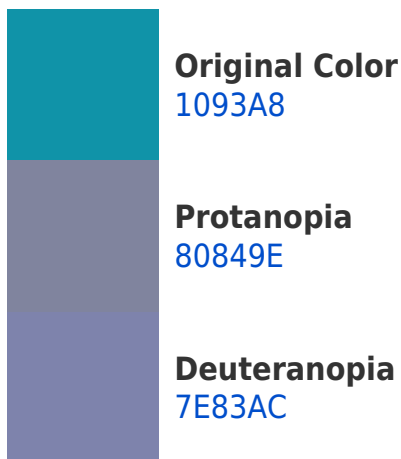


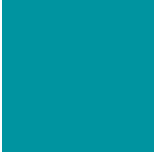
This preview shows how white text looks on a background with the Hex color 1093A8.

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](#).

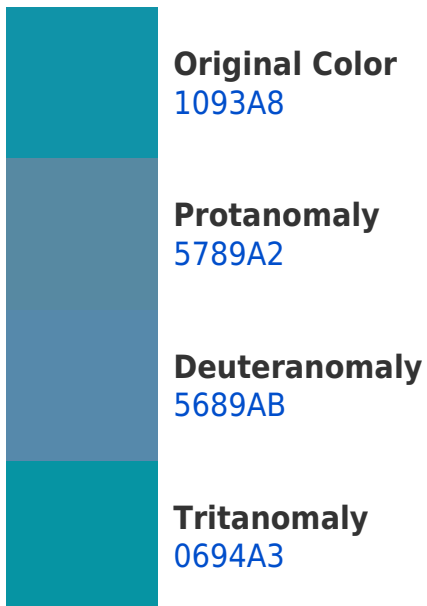
Dichromacy



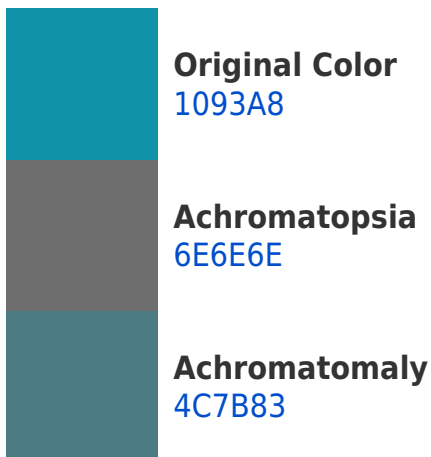


Tritanopia
0094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1093A8 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 #1093A8 looks like.

```
.text, #text, p{  
    color:#1093A8  
}
```

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 #1093A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1093A8
}
```

Border

The CSS property to change the border of an element to Hex 1093A8 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
#1093A8 }
```

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

```
.border{ border-color:#1093A8 }
```

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

Here you see how a box with a 4 pixel #1093A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1093A8; -webkit-box-shadow:4px 4px  
4px 4px #1093A8; box-shadow:4px 4px 4px  
4px #1093A8 }
```

Background

The CSS property to change the background color of an element to Hex 1093A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1093A8 }
```

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

```
.background{ background-color:#1093A8 }
```

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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