

# Converting Colors

Hex(0191A2)

Have a look what the booklet for  
Hex(0191A2) contains.

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# Color

Hex(0191A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	0191A2
RGB	1, 145, 162
RGB Percent	0%, 57%, 64%
CMY	0.9961, 0.4314, 0.3647
CMYK	0.99, 0.10, 0.00, 0.36
HSL	186°, 99%, 32%
HSV	186°, 99%, 64%
XYZ	16.6595, 22.8659, 37.7179
YIQ	103.8820, -91.2810, -25.2410

# Conversions

## Conversions Part 2

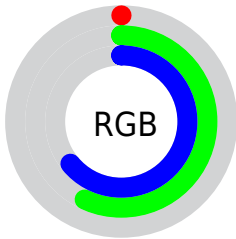
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 77, 162
Decimal	102818
CIELab	54.93, -25.93, -18.16
CIELCh	55, 31.658, 215.008
Yxy	22.8659, 0.2157, 0.2960
Android (android.graphics.Color)	4278292898 (0xFF0191A2)
YUV	103.8820, 28.6522, -90.2275
Hunter-Lab	47.8183, -21.4940, -13.2937

# Details

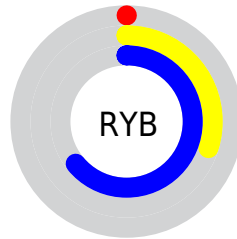
The Hex color **0191A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A21201**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5BC7D9**, and **005E6E** is the 20% darker color. If you saturate the color by 10%, you get **0091A2**, and if you desaturate by 10%, it is **1193A2**.

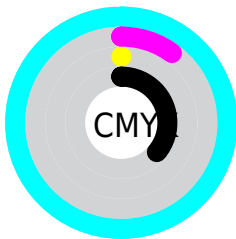
# Distribution



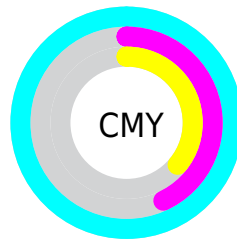
- Red (0%)
- Green (57%)
- Blue (64%)



- Red (0%)
- Yellow (30%)
- Blue (64%)



- Cyan (99%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (43%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0191A2 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 0191A2 by changing the saturation by 10% instead.



 0191A2

 0191A2

FFFFFF

 007788

 5BC7D9

 005E6E

 7AE3F5

 004656

 97FFFF

 002F3F

 B5FFFF


 001B29


 D3FFFF

 000114


 F1FFFF

 000000

 0191A2

 0191A2

 0091A2

 1193A2

■ 2194A2

■ 3296A2

■ 4298A2

■ 529AA2

■ 629BA2

■ 729DA2

■ 839FA2

■ 93A0A2

# Harmonies

## Analogous

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



2B9287



0191A2



318CB4

# Triad

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



0191A2



AA729B



91834C

# Complementary

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



0191A2



A21201

# 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.



A87A52



0191A2



B86E80

# Square

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



0191A2



8D7BB0



B77165



748B56

# Rectangle

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



0191A2



5388BA



B77165



9A804D



# Sweetspot

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



0191A2



94CDD4



01A211



45676B



EBEBEB



6B6B6B



# Same Dimension

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



0191A2



00BDD4



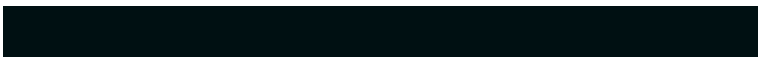
0141A2



495152



008291



001012



# Inverse Universe

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



A20191



D400BD



A26201



524951



910082



120010



# Previews

## White Background



This preview shows how the Hex color 0191A2 looks on a white background.

## Color Contrast Check

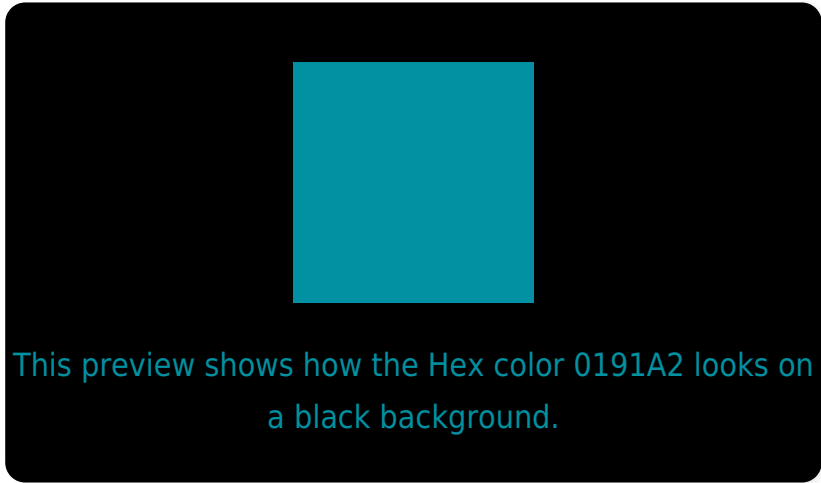
Large Text (above 18pt) WCAG AA ✓ Pass

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

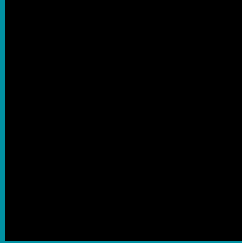
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0191A2 Background



This preview shows how black text looks on a background with the Hex color 0191A2.

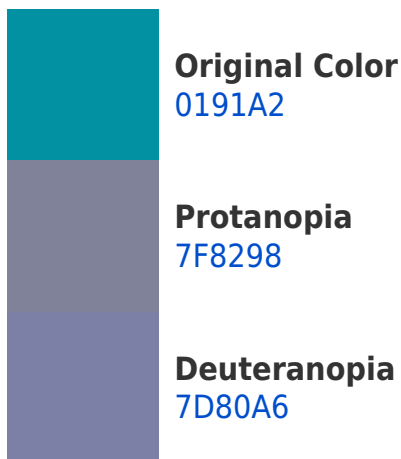


This preview shows how white text looks on a background with the Hex color 0191A2.

# 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**  
00929D

# Trichromacy



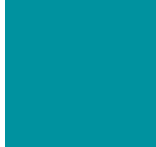
**Original Color**  
0191A2



**Protanomaly**  
51879C



**Deuteranomaly**  
5086A5



**Tritanomaly**  
00929F

# Monochromacy



**Original Color**  
0191A2



**Achromatopsia**  
686868



**Achromatomaly**  
43777D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0191A2 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 #0191A2 looks like.

```
.text, #text, p{  
    color:#0191A2  
}
```

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 #0191A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0191A2
}
```

## Border

The CSS property to change the border of an element to Hex 0191A2 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
#0191A2 }
```

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

```
.border{ border-color:#0191A2 }
```

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

Here you see how a box with a 4 pixel #0191A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0191A2; -webkit-box-shadow:4px 4px  
4px 4px #0191A2; box-shadow:4px 4px 4px  
4px #0191A2 }
```

# Background

The CSS property to change the background color of an element to Hex 0191A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0191A2 }
```

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

```
.background{ background-color:#0191A2 }
```

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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