

# Converting Colors

Hex(1593A9)

Have a look what the booklet for  
Hex(1593A9) contains.

<b>Hex(1593A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1593A9)

# Conversions

## Conversions Part 1

Format	Color
Hex	1593A9
RGB	21, 147, 169
RGB Percent	8%, 58%, 66%
CMY	0.9176, 0.4235, 0.3373
CMYK	0.88, 0.13, 0.00, 0.34
HSL	189°, 78%, 37%
HSV	189°, 88%, 66%
XYZ	17.9044, 23.8914, 41.2040
YIQ	111.8340, -82.1580, -19.8700

# Conversions

## Conversions Part 2

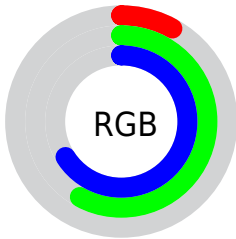
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 89, 169
Decimal	1414057
CIE Lab	55.98, -23.63, -20.56
CIE LCh	56, 31.324, 221.026
Yxy	23.8914, 0.2157, 0.2878
Android (android.graphics.Color)	4279604137 (0xFF1593A9)
YUV	111.8340, 28.1828, -79.6614
Hunter-Lab	48.8789, -20.1532, -15.7651

# Details

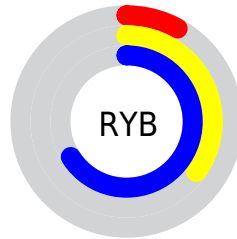
The Hex color **1593A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A92B15**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61C9E0**, and **006075** is the 20% darker color. If you saturate the color by 10%, you get **0490A9**, and if you desaturate by 10%, it is **2696A9**.

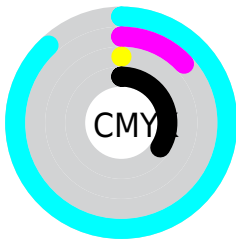
# Distribution



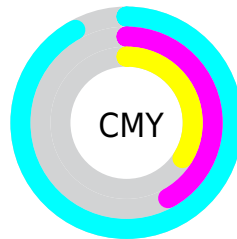
- Red (8%)
- Green (58%)
- Blue (66%)



- Red (8%)
- Yellow (35%)
- Blue (66%)



- Cyan (88%)
- Magenta (13%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (42%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1593A9 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 1593A9 by changing the saturation by 10% instead.



 1593A9

 1593A9

FFFFFF

 00798F

 61C9E0

 006075

 80E5FD

 00485C

 9DFFFF

 003145

 BBFFFF

 001E2E

 D9FFFF

 00011A

 F7FFFF

 000000

 1593A9

 1593A9

 0490A9

 2696A9

■ 0090A9

■ 3798A9

■ 489BA9

■ 599DA9

■ 69A0A9

■ 7AA2A9

■ 8BA5A9

■ 9CA7A9

■ ADAAA9

# Harmonies

## Analogous

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



289590



1593A9



408EB9

# Triad

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



1593A9



B07398



8E8850

# Complementary

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



1593A9



A92B15

# 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.



A77F53



1593A9



BB717D

# Square

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



1593A9



967BAF



B77664



708F5C

# Rectangle

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



1593A9



6088BC



B77664



97854F



# Sweetspot

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



1593A9



A2D3DB



15A929



4C696E



EDEDED



6E6E6E



# Same Dimension

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



1593A9



00BBDB



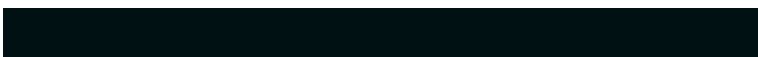
154BA9



4C5354



007E94



001114



# Inverse Universe

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



A91593



DB00BB



A97315



544C53



94007E



140011



# Previews

## White Background



This preview shows how the Hex color 1593A9 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



This preview shows how the Hex color 1593A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

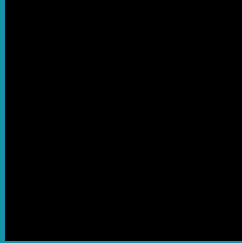
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1593A9 Background



This preview shows how black text looks on a background with the Hex color 1593A9.

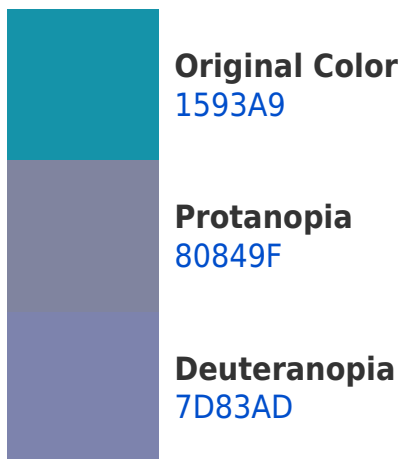


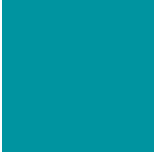
This preview shows how white text looks on a background with the Hex color 1593A9.

# 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



**Original Color**  
1593A9

**Protanomaly**  
5989A3

**Deuteranomaly**  
5789AC

**Tritanomaly**  
0894A3

# Monochromacy



**Original Color**  
1593A9

**Achromatopsia**  
707070

**Achromatomaly**  
4F7D85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1593A9 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 #1593A9 looks like.

```
.text, #text, p{  
    color:#1593A9  
}
```

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 #1593A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1593A9
}
```

## Border

The CSS property to change the border of an element to Hex 1593A9 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
#1593A9 }
```

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

```
.border{ border-color:#1593A9 }
```

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

Here you see how a box with a 4 pixel #1593A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1593A9; -webkit-box-shadow:4px 4px  
4px 4px #1593A9; box-shadow:4px 4px 4px  
4px #1593A9 }
```

# Background

The CSS property to change the background color of an element to Hex 1593A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1593A9 }
```

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

```
.background{ background-color:#1593A9 }
```

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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