

# Converting Colors

Hex(148DAF)

Have a look what the booklet for  
Hex(148DAF) contains.

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# Color

**Hex(148DAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	148DAF
RGB	20, 141, 175
RGB Percent	8%, 55%, 69%
CMY	0.9216, 0.4471, 0.3137
CMYK	0.89, 0.19, 0.00, 0.31
HSL	193°, 79%, 38%
HSV	193°, 89%, 69%
XYZ	17.5512, 22.2936, 43.9355
YIQ	108.6970, -83.0300, -15.0780

# Conversions

## Conversions Part 2

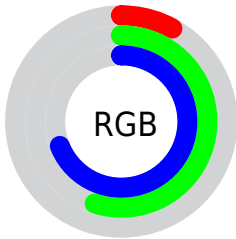
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 88, 175
Decimal	1346991
CIE <sub>Lab</sub>	54.34, -18.45, -26.52
CIE <sub>LCh</sub>	54, 32.308, 235.171
Yxy	22.2936, 0.2095, 0.2661
Android (android.graphics.Color)	4279537071 (0xFF148DAF)
YUV	108.6970, 32.6874, -77.7873
Hunter-Lab	47.2161, -16.2760, -22.1192

# Details

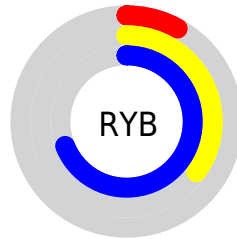
The Hex color **148DAF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF3614**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61C3E7**, and **005B7A** is the 20% darker color. If you saturate the color by 10%, you get **0289AF**, and if you desaturate by 10%, it is **2591AF**.

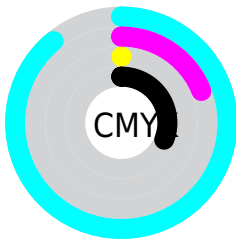
# Distribution



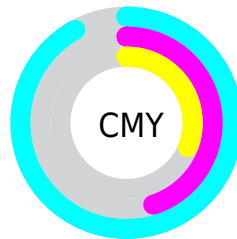
- Red (8%)
- Green (55%)
- Blue (69%)



- Red (8%)
- Yellow (35%)
- Blue (69%)



- Cyan (89%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (45%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 148DAF 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 148DAF by changing the saturation by 10% instead.



■ 148DAF

■ 148DAF

FFFFFF

■ 007394

■ 61C3E7

■ 005B7A

■ 80DFFF

■ 004361

■ 9EFBFF

■ 002D49

■ BBFFFF

■ 001A33

■ D9FFFF

■ 00021D

■ F8FFFF

■ 000000

■ 148DAF

■ 148DAF

■ 0289AF

■ 2591AF

0089AF

3795AF

4899AF

5A9CAF

6BA0AF

7DA4AF

8EA8AF

A0ACAF

B2B0AF

# Harmonies

## Analogous

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



009099



148DAF



5086B9

# Triad

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



148DAF



B46C88



7C874E

# Complementary

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



148DAF



AF3614

# 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.



987F4A



148DAF



B86E6C

# Square

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



148DAF



A172A2



AD7555



5B8D61

# Rectangle

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



148DAF



7080B8



AD7555



86854B



# Sweetspot

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



148DAF



A6D6E3



14AF36



4E6B73



F2F2F2



737373



# Same Dimension

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



148DAF



00B1E3



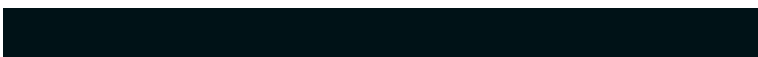
1440AF



4E5557



007596



001217



# Inverse Universe

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



AF148D



E300B1



AF8314



574E55



960075



170012



# Previews

## White Background



This preview shows how the Hex color 148DAF looks on a white background.

## Color Contrast Check

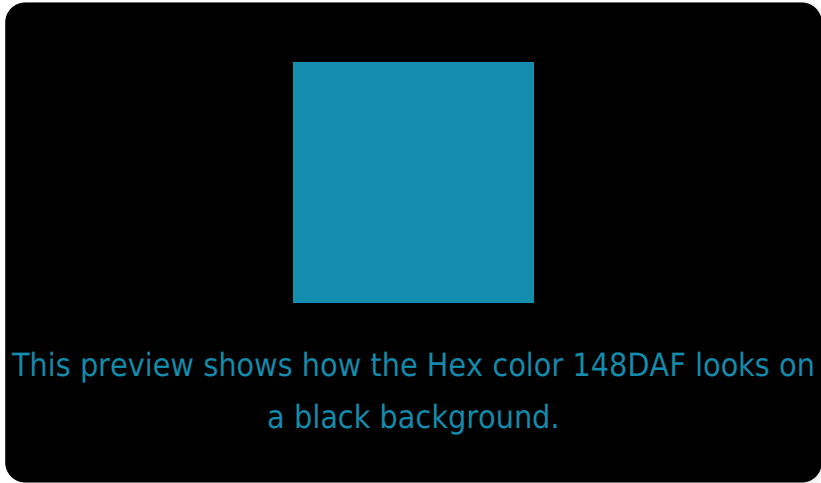
Large Text (above 18pt) WCAG AA ✓ Pass

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

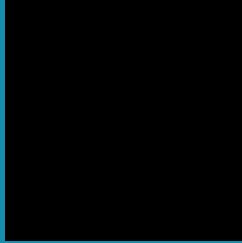
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 148DAF Background



This preview shows how black text looks on a background with the Hex color 148DAF.

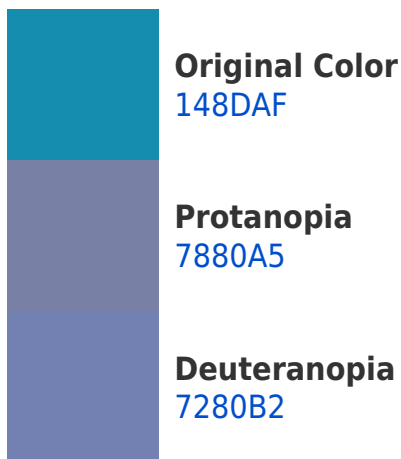


This preview shows how white text looks on a background with the Hex color 148DAF.

# 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](#).

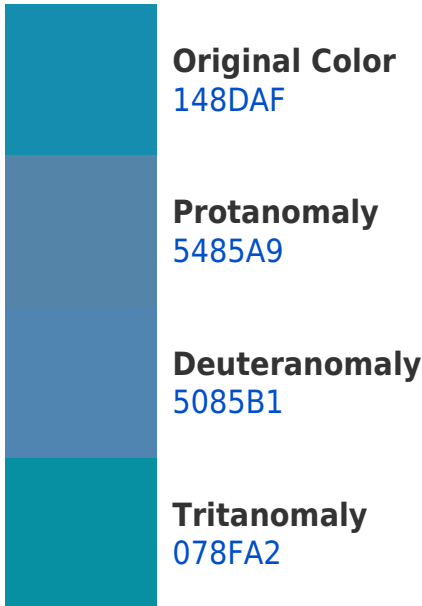
## Dichromacy





**Tritanopia**  
00909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 148DAF 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 #148DAF looks like.

```
.text, #text, p{  
    color:#148DAF  
}
```

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 #148DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #148DAF
}
```

## Border

The CSS property to change the border of an element to Hex 148DAF 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
#148DAF }
```

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

```
.border{ border-color:#148DAF }
```

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

Here you see how a box with a 4 pixel #148DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #148DAF; -webkit-box-shadow:4px 4px  
4px 4px #148DAF; box-shadow:4px 4px 4px  
4px #148DAF }
```

# Background

The CSS property to change the background color of an element to Hex 148DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#148DAF }
```

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

```
.background{ background-color:#148DAF }
```

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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