

# Converting Colors

Hex(148EA4)

Have a look what the booklet for  
Hex(148EA4) contains.

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# Color

**Hex(148EA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	148EA4
RGB	20, 142, 164
RGB Percent	8%, 56%, 64%
CMY	0.9216, 0.4431, 0.3569
CMYK	0.88, 0.13, 0.00, 0.36
HSL	189°, 78%, 36%
HSV	189°, 88%, 64%
XYZ	16.6623, 22.1751, 38.5240
YIQ	108.0300, -79.7740, -19.0220

# Conversions

## Conversions Part 2

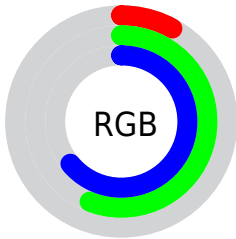
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 86, 164
Decimal	1347236
CIE <sub>Lab</sub>	54.21, -22.80, -20.40
CIE <sub>LCh</sub>	54, 30.597, 221.816
Yxy	22.1751, 0.2154, 0.2866
Android (android.graphics.Color)	4279537316 (0xFF148EA4)
YUV	108.0300, 27.5932, -77.2023
Hunter-Lab	47.0904, -19.2483, -15.5410

# Details

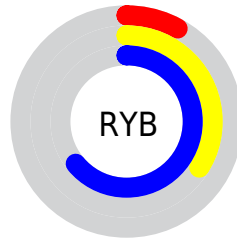
The Hex color `148EA4` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `A42A14`, and the grayscale version is `6C6C6C`.

A 20% lighter version of the original color is `60C4DB`, and `005B70` is the 20% darker color. If you saturate the color by 10%, you get `048BA4`, and if you desaturate by 10%, it is `2491A4`.

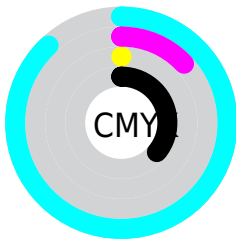
# Distribution



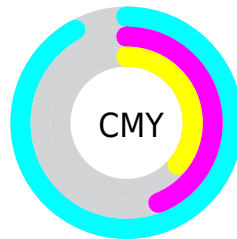
- Red (8%)
- Green (56%)
- Blue (64%)



- Red (8%)
- Yellow (34%)
- Blue (64%)



- Cyan (88%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (92%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 148EA4 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 148EA4 by changing the saturation by 10% instead.



148EA4

148EA4

FFFFFF

00748A

60C4DB

005B70

7EE0F8

004458

9BFDFF

002D40

B9FFFF

00192A

D6FFFF

000115

F5FFFF

000000

148EA4

148EA4

048BA4

2491A4

■ 008BA4

■ 3593A4

■ 4596A4

■ 5698A4

■ 669BA4

■ 769DA4

■ 87A0A4

■ 97A2A4

■ A8A5A4

# Harmonies

## Analogous

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



25908C



148EA4



3F89B3

# Triad

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



148EA4



AB6F93



89834D

# Complementary

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



148EA4



A42A14

# 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.



A17A50



148EA4



B56D78

# Square

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



148EA4



9277A9



B17260



6C8A59

# Rectangle

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



148EA4



5E84B6



B17260



92814C



# Sweetspot

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



148EA4



9FCED6



14A42A



4A666B



EBEBEB



6B6B6B



# Same Dimension

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



148EA4



00B5D6



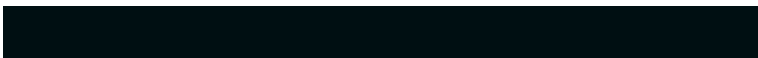
1446A4



495052



007B91



000F12



# Inverse Universe

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



A4148E



D600B5



A47214



524950



91007B



12000F



# Previews

## White Background



This preview shows how the Hex color 148EA4 looks on a white background.

## Color Contrast Check

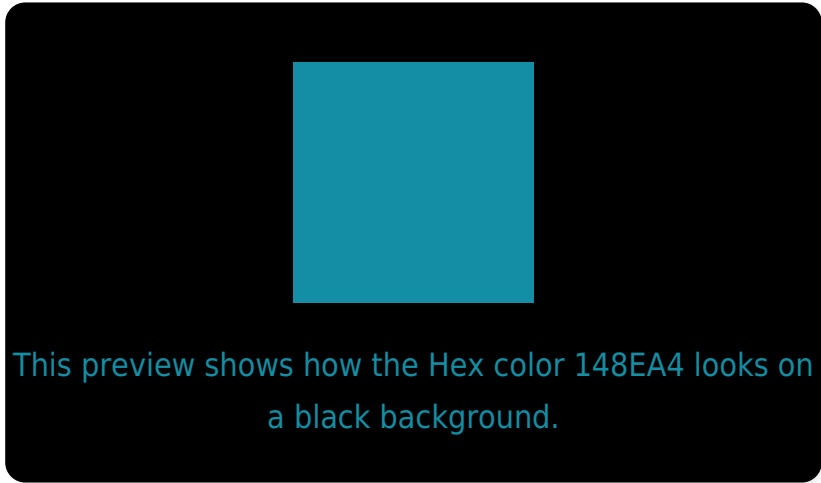
Large Text (above 18pt) WCAG AA ✓ Pass

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

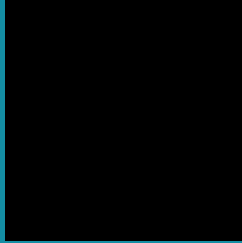
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 148EA4 Background



This preview shows how black text looks on a background with the Hex color 148EA4.

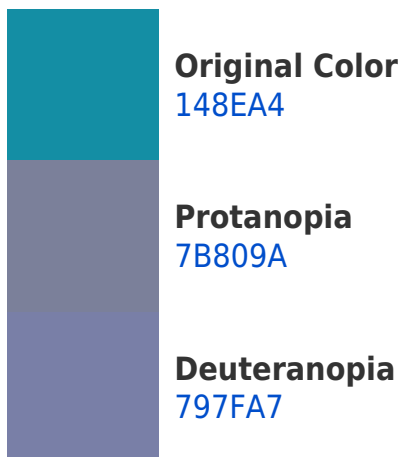


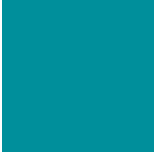
This preview shows how white text looks on a background with the Hex color 148EA4.

# 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](#).

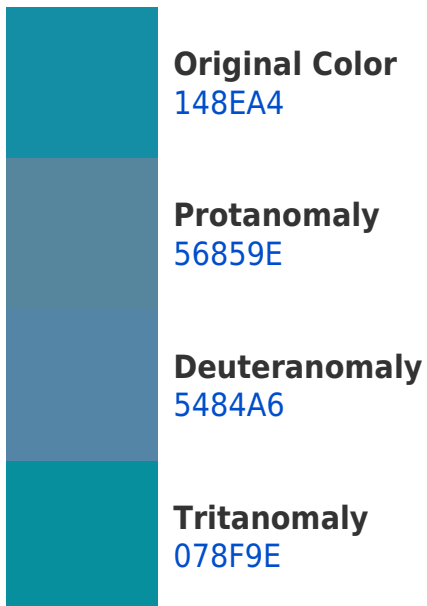
## Dichromacy





**Tritanopia**  
008F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 148EA4 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 #148EA4 looks like.

```
.text, #text, p{  
    color:#148EA4  
}
```

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 #148EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #148EA4  
}
```

## Border

The CSS property to change the border of an element to Hex 148EA4 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  
#148EA4 }
```

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

```
.border{ border-color:#148EA4 }
```

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

Here you see how a box with a 4 pixel #148EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #148EA4; -webkit-box-shadow:4px 4px  
4px 4px #148EA4; box-shadow:4px 4px 4px  
4px #148EA4 }
```

# Background

The CSS property to change the background color of an element to Hex 148EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#148EA4 }
```

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

```
.background{ background-color:#148EA4 }
```

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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