

Converting Colors

Hex(1EA7B4)

Have a look what the booklet for
Hex(1EA7B4) contains.

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Color

Hex(1EA7B4)

Conversions

Conversions Part 1

Format	Color
Hex	1EA7B4
RGB	30, 167, 180
RGB Percent	12%, 65%, 71%
CMY	0.8824, 0.3451, 0.2941
CMYK	0.83, 0.07, 0.00, 0.29
HSL	185°, 71%, 41%
HSV	185°, 83%, 71%
XYZ	22.5924, 31.2087, 48.0132
YIQ	127.5190, -85.8250, -25.0010

Conversions

Conversions Part 2

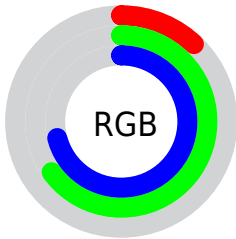
Format	Color
RYB	30, 102, 180
Decimal	2009012
CIELab	62.68, -29.43, -16.57
CIELCh	63, 33.770, 209.380
Yxy	31.2087, 0.2219, 0.3065
Android (android.graphics.Color)	4280199092 (0xFF1EA7B4)
YUV	127.5190, 25.8731, -85.5242
Hunter-Lab	55.8648, -25.5759, -11.8516

Details

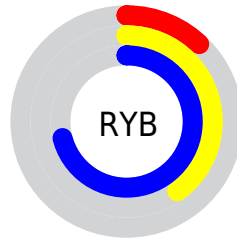
The Hex color **1EA7B4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B42B1E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **69DFEC**, and **00727F** is the 20% darker color. If you saturate the color by 10%, you get **0CA5B4**, and if you desaturate by 10%, it is **30A9B4**.

Distribution



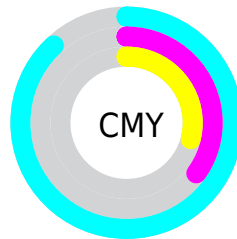
- Red (12%)
- Green (65%)
- Blue (71%)



- Red (12%)
- Yellow (40%)
- Blue (71%)



- Cyan (83%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (88%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EA7B4 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 1EA7B4 by changing the saturation by 10% instead.

 1EA7B4

 1EA7B4

FFFFFF

 008C99

 69DFEC

 00727F

 88FBFF

 005A66

 A6FFFF

 00424E

 C4FFFF

 002B37

 E2FFFF

 001222

 00000A

 000000

 1EA7B4

 1EA7B4

0CA5B4

30A9B4

00A4B4

42AAB4

54ACB4

66ADB4

78AFB4

8AB0B4

9CB2B4

AEB3B4

C0B5B4

Harmonies

Analogous

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



42A896



1EA7B4



38A3CA

Triad

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



1EA7B4



BD86B7



AC965B

Complementary

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



1EA7B4



B42B1E

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.



C48B65



1EA7B4



D08099

Square

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



1EA7B4



9A90CC



D1837C



8D9F62

Rectangle

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



1EA7B4



5A9ED2



D1837C



B5925D

Sweetspot

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



1EA7B4



B0E6EB



1EB42A



527275



F5F5F5



757575

Same Dimension

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



1EA7B4



00D6EB



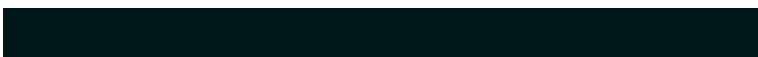
1E5DB4



505859



008C99



00171A

Inverse Universe

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



B41EA7



EB00D6



B4761E



595058



99008C



1A0017

Previews

White Background



This preview shows how the Hex color 1EA7B4 looks on a white background.

Color Contrast Check

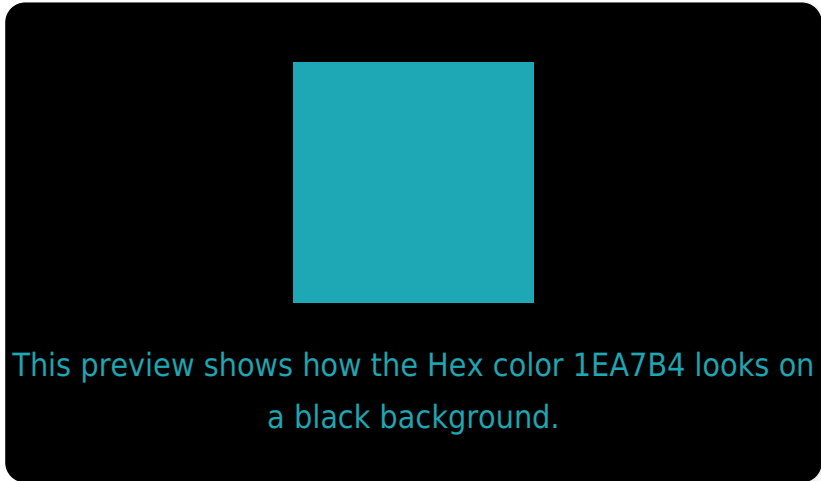
Large Text (above 18pt) WCAG AA × Fail

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

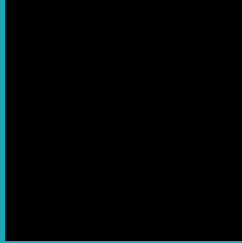
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

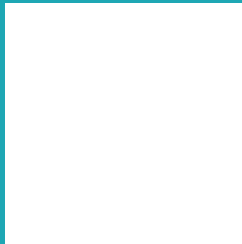
Any Text WCAG AAA ✓ Pass

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

Hex 1EA7B4 Background



This preview shows how black text looks on a background with the Hex color 1EA7B4.

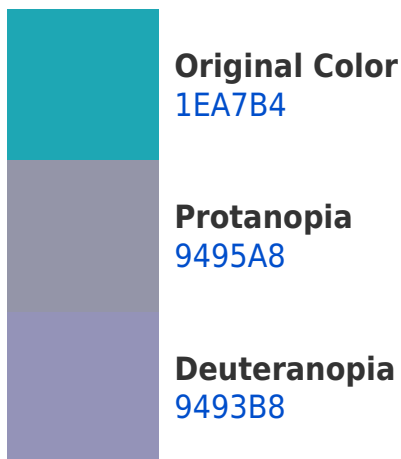


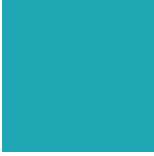
This preview shows how white text looks on a background with the Hex color 1EA7B4.

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
1FA7B4

Trichromacy



Original Color
1EA7B4



Protanomaly
699CAC



Deuteranomaly
699AB7



Tritanomaly
1FA7B4

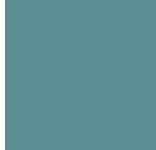
Monochromacy



Original Color
1EA7B4



Achromatopsia
808080



Achromatomaly
5C8E93

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EA7B4 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 #1EA7B4 looks like.

```
.text, #text, p{  
    color:#1EA7B4  
}
```

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 #1EA7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA7B4
}
```

Border

The CSS property to change the border of an element to Hex 1EA7B4 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
#1EA7B4 }
```

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

```
.border{ border-color:#1EA7B4 }
```

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

Here you see how a box with a 4 pixel #1EA7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA7B4; -webkit-box-shadow:4px 4px  
4px 4px #1EA7B4; box-shadow:4px 4px 4px  
4px #1EA7B4 }
```

Background

The CSS property to change the background color of an element to Hex 1EA7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA7B4 }
```

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

```
.background{ background-color:#1EA7B4 }
```

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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