

Converting Colors

Hex(15A3B7)

Have a look what the booklet for
Hex(15A3B7) contains.

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Color

Hex(15A3B7)

Conversions

Conversions Part 1

Format	Color
Hex	15A3B7
RGB	21, 163, 183
RGB Percent	8%, 64%, 72%
CMY	0.9176, 0.3608, 0.2824
CMYK	0.89, 0.11, 0.00, 0.28
HSL	187°, 79%, 40%
HSV	187°, 89%, 72%
XYZ	21.9537, 29.7727, 49.3894
YIQ	122.8220, -91.0520, -23.8840

Conversions

Conversions Part 2

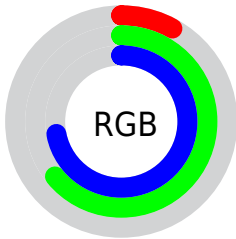
Format	Color
R_{YB}	21, 97, 183
Decimal	1418167
CIE _{Lab}	61.46, -27.09, -20.12
CIE _{LCh}	61, 33.745, 216.605
Yxy	29.7727, 0.2171, 0.2944
Android (android.graphics.Color)	4279608247 (0xFF15A3B7)
YUV	122.8220, 29.6678, -89.2979
Hunter-Lab	54.5644, -23.6691, -15.4717

Details

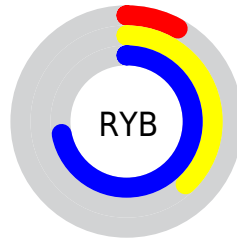
The Hex color **15A3B7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B72915**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **66DAEF**, and **006F82** is the 20% darker color. If you saturate the color by 10%, you get **03A1B7**, and if you desaturate by 10%, it is **27A5B7**.

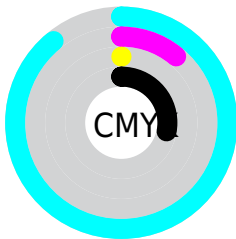
Distribution



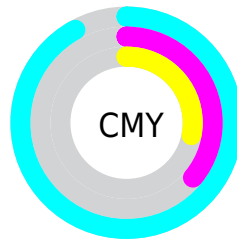
- Red (8%)
- Green (64%)
- Blue (72%)



- Red (8%)
- Yellow (38%)
- Blue (72%)



- Cyan (89%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)



- Cyan (92%)
- Magenta (36%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15A3B7 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 15A3B7 by changing the saturation by 10% instead.



15A3B7



15A3B7

FFFFFF



00899C



66DAEF



006F82



85F7FF



005669



A3FFFF



003E51



C1FFFF



00283A



E0FFFF



000C24

FEFFFF



00010D



000000



15A3B7



15A3B7

03A1B7

27A5B7

00A0B7

3AA8B7

4CAAB7

5EACB7

71AEB7

83B1B7

95B3B7

A7B5B7

BAB7B7

Harmonies

Analogous

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



34A49A



15A3B7



409ECA

Triad

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



15A3B7



BF81AD



A29558

Complementary

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



15A3B7



B72915

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.



BC8A5E



15A3B7



CE7D8F

Square

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



15A3B7



A18AC4



CC8172



829D63

Rectangle

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



15A3B7



6398D0



CC8172



AB9158

Sweetspot

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



15A3B7



ADE5ED



15B728



517378



F7F7F7



787878

Same Dimension

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



15A3B7



00D0ED



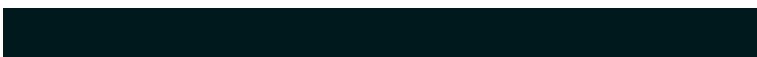
1553B7



535B5C



00889C



00191C

Inverse Universe

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



B715A3



ED00D0



B77915



5C535B



9C0088



1C0019

Previews

White Background



This preview shows how the Hex color 15A3B7 looks on a white background.

Color Contrast Check

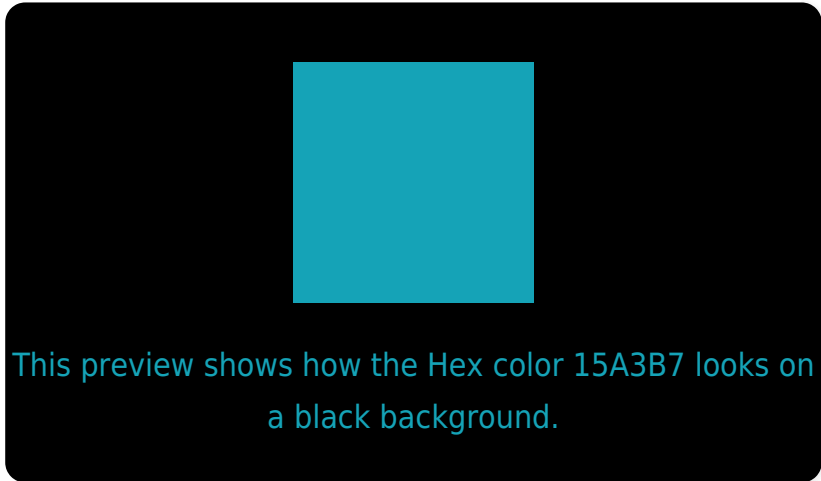
Large Text (above 18pt) WCAG AA ✓ Pass

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

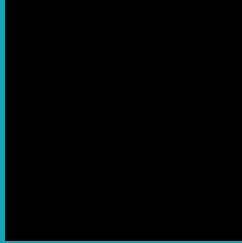
Any Text WCAG AA ✓ Pass

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 15A3B7 Background



This preview shows how black text looks on a background with the Hex color 15A3B7.

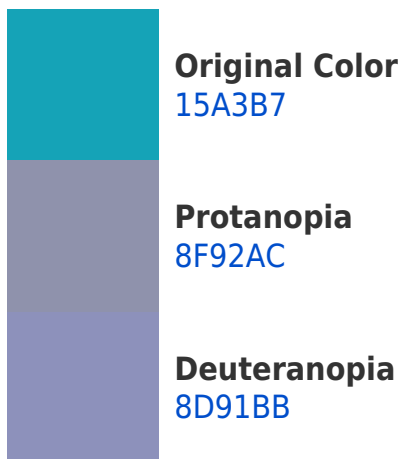


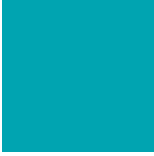
This preview shows how white text looks on a background with the Hex color 15A3B7.

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](#).

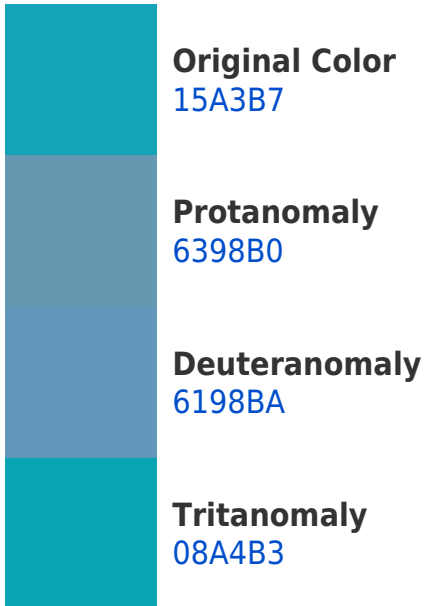
Dichromacy



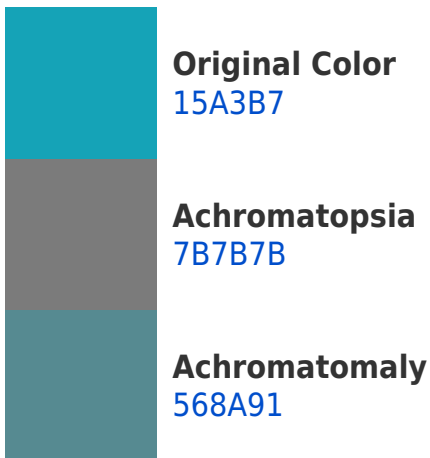


Tritanopia
00A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15A3B7 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 #15A3B7 looks like.

```
.text, #text, p{  
    color:#15A3B7  
}
```

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 #15A3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A3B7
}
```

Border

The CSS property to change the border of an element to Hex 15A3B7 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
#15A3B7 }
```

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

```
.border{ border-color:#15A3B7 }
```

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

Here you see how a box with a 4 pixel #15A3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A3B7; -webkit-box-shadow:4px 4px  
4px 4px #15A3B7; box-shadow:4px 4px 4px  
4px #15A3B7 }
```

Background

The CSS property to change the background color of an element to Hex 15A3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A3B7 }
```

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

```
.background{ background-color:#15A3B7 }
```

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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