

Converting Colors

Hex(15A6B1)

Have a look what the booklet for
Hex(15A6B1) contains.

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Color

Hex(15A6B1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 15A6B1 |
| RGB | 21, 166, 177 |
| RGB Percent | 8%, 65%, 69% |
| CMY | 0.9176, 0.3490, 0.3059 |
| CMYK | 0.88, 0.06, 0.00, 0.31 |
| HSL | 184°, 79%, 39% |
| HSV | 184°, 88%, 69% |
| XYZ | 21.8813, 30.6062, 46.3493 |
| YIQ | 123.8990, -89.9510, -27.3190 |

Conversions

Conversions Part 2

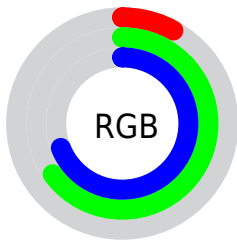
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 21, 96, 177 |
| Decimal | 1418929 |
| CIELab | 62.17, -30.51, -15.67 |
| CIELCh | 62, 34.301, 207.178 |
| Yxy | 30.6062, 0.2214, 0.3097 |
| Android (android.graphics.Color) | 4279609009 (0xFF15A6B1) |
| YUV | 123.8990, 26.1788, -90.2424 |
| Hunter-Lab | 55.3229, -26.2147, -10.9469 |

Details

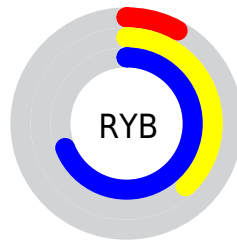
The Hex color **15A6B1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B12015**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **65DEE9**, and **00727C** is the 20% darker color. If you saturate the color by 10%, you get **03A5B1**, and if you desaturate by 10%, it is **27A7B1**.

Distribution



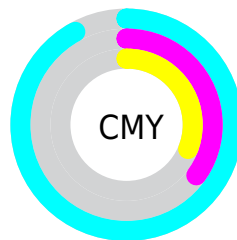
- Red (8%)
- Green (65%)
- Blue (69%)



- Red (8%)
- Yellow (38%)
- Blue (69%)



- Cyan (88%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15A6B1 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 15A6B1 by changing the saturation by 10% instead.

 15A6B1

 15A6B1

FFFFFF

 008B96

 65DEE9

 00727C

 84FAFF

 005964

 A2FFFF

 00414C

 C1FFFF

 002A35

 DFFFFF

 001020

FDFFFF

 000005

 000000

 15A6B1

 15A6B1

■ 03A5B1

■ 27A7B1

■ 00A5B1

■ 38A8B1

■ 4AAAB1

■ 5CABB1

■ 6EACB1

■ 7FADB1

■ 91AFB1

■ A3B0B1

■ B4B1B1

Harmonies

Analogous

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



41A692



15A6B1



2EA2C9

Triad

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



15A6B1



BA85B8



AD9359

Complementary

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



15A6B1



B12015

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.



C58964



15A6B1



CE7F9A

Square

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



15A6B1



968FCC



D1817C



8E9D5F

Rectangle

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



15A6B1



539DD1



D1817C



B6905B

Sweetspot

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



15A6B1



AAE1E6



15B11F



4F7073



F2F2F2



737373

Same Dimension

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



15A6B1



00D5E6



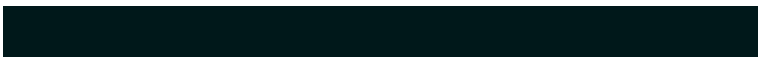
1559B1



505959



008E99



00181A

Inverse Universe

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



B115A6



E600D5



B16D15



595059



99008E



1A0018

Previews

White Background



This preview shows how the Hex color 15A6B1 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



This preview shows how the Hex color 15A6B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

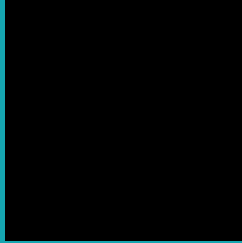
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 15A6B1 Background



This preview shows how black text looks on a background with the Hex color 15A6B1.

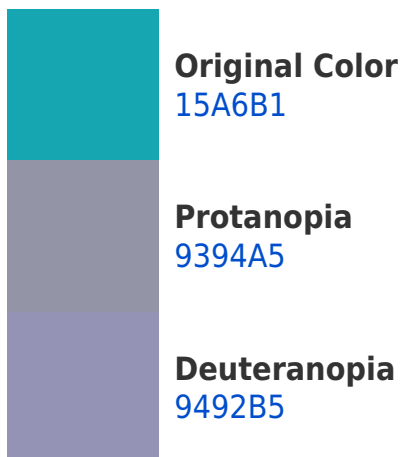


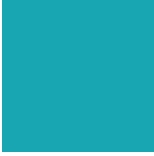
This preview shows how white text looks on a background with the Hex color 15A6B1.

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



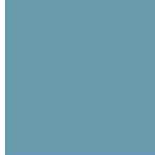


Tritanopia
19A6B3

Trichromacy



Original Color
15A6B1



Protanomaly
659BA9



Deuteranomaly
6699B4



Tritanomaly
18A6B2

Monochromacy



Original Color
15A6B1



Achromatopsia
7C7C7C



Achromatomaly
578B8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 15A6B1 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 #15A6B1 looks like.

```
.text, #text, p{  
    color:#15A6B1  
}
```

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 #15A6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A6B1
}
```

Border

The CSS property to change the border of an element to Hex 15A6B1 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
#15A6B1 }
```

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

```
.border{ border-color:#15A6B1 }
```

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

Here you see how a box with a 4 pixel #15A6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A6B1; -webkit-box-shadow:4px 4px  
4px 4px #15A6B1; box-shadow:4px 4px 4px  
4px #15A6B1 }
```

Background

The CSS property to change the background color of an element to Hex 15A6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A6B1 }
```

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

```
.background{ background-color:#15A6B1 }
```

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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