

# Converting Colors

Hex(1A67AB)

Have a look what the booklet for  
Hex(1A67AB) contains.

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# Color

**Hex(1A67AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A67AB
RGB	26, 103, 171
RGB Percent	10%, 40%, 67%
CMY	0.8980, 0.5961, 0.3294
CMYK	0.85, 0.40, 0.00, 0.33
HSL	208°, 74%, 39%
HSV	208°, 85%, 67%
XYZ	12.6269, 12.8604, 40.3449
YIQ	87.7290, -67.7200, 4.8240

# Conversions

## Conversions Part 2

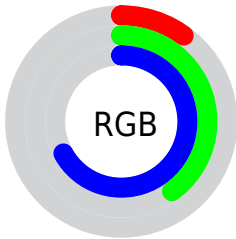
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 76, 171
Decimal	1730475
CIE <sub>Lab</sub>	42.55, 2.75, -42.70
CIE <sub>LCh</sub>	43, 42.787, 273.681
Yxy	12.8604, 0.1918, 0.1954
Android (android.graphics.Color)	4279920555 (0xFF1A67AB)
YUV	87.7290, 41.0526, -54.1363
Hunter-Lab	35.8614, 0.0932, -41.5996

# Details

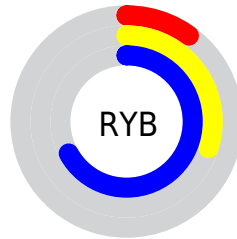
The Hex color **1A67AB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB5E1A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **619AE3**, and **003976** is the 20% darker color. If you saturate the color by 10%, you get **095FAB**, and if you desaturate by 10%, it is **2B6FAB**.

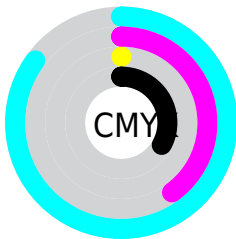
# Distribution



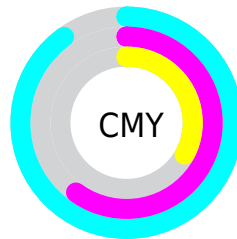
- Red (10%)
- Green (40%)
- Blue (67%)



- Red (10%)
- Yellow (30%)
- Blue (67%)



- Cyan (85%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (90%)
- Magenta (60%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A67AB 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 1A67AB by changing the saturation by 10% instead.



■ 1A67AB

■ 1A67AB

FFFFFF

■ 004F90

■ 619AE3

■ 003976

■ 7EB4FF

■ 00245D

■ 9CD0FF

■ 000E45

■ B9ECFF

■ 00042E

■ D7FFFF

■ 000118

■ F5FFFF

■ 000000

■ 1A67AB

■ 1A67AB

■ 095FAB

■ 2B6FAB

■ 005BAB

■ 3C77AB

■ 4D7FAB

■ 5E87AB

■ 6F8FAB

■ 8197AB

■ 929FAB

■ A3A7AB

■ B4AFAB

# Harmonies

## Analogous

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



0070A3



1A67AB



6B599F

# Triad

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



1A67AB



A24A3F



137344

# Complementary

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



1A67AB



AB5E1A

# 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.



4F6E26



1A67AB



905724

# Square

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



1A67AB



A44462



736417



007668

# Rectangle

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



1A67AB



884F8F



736417



2F7239



# Sweetspot

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



1A67AB



A6C4DE



1AAB5E



4F6070



F0F0F0



707070



# Same Dimension

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



1A67AB



0076DE



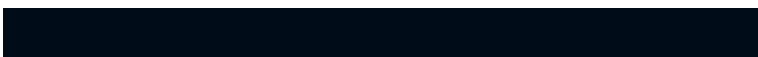
1A1FAB



4E5357



005096



000C17



# Inverse Universe

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



AB1A67



DE0076



ABA61A



574E53



960050



17000C



# Previews

## White Background



This preview shows how the Hex color 1A67AB looks on a white background.

## Color Contrast Check

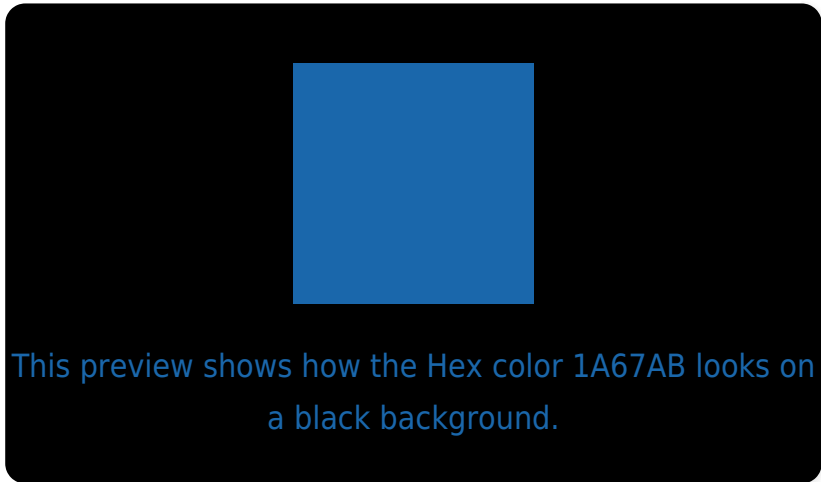
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

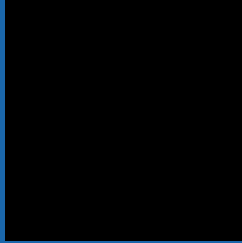
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A67AB Background



This preview shows how black text looks on a background with the Hex color 1A67AB.

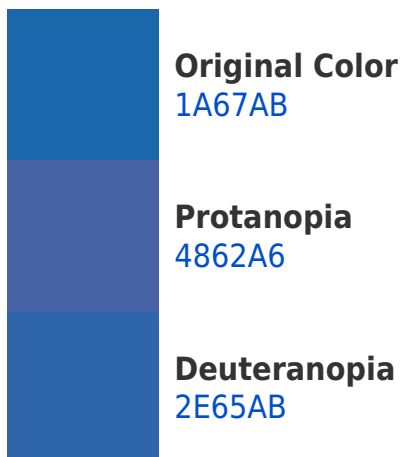


This preview shows how white text looks on a background with the Hex color 1A67AB.

# 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](#).

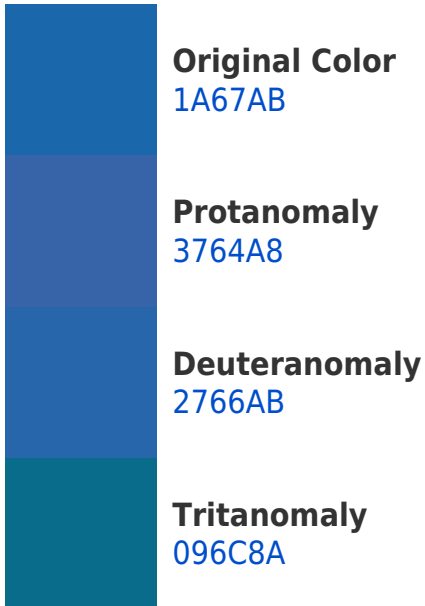
## Dichromacy



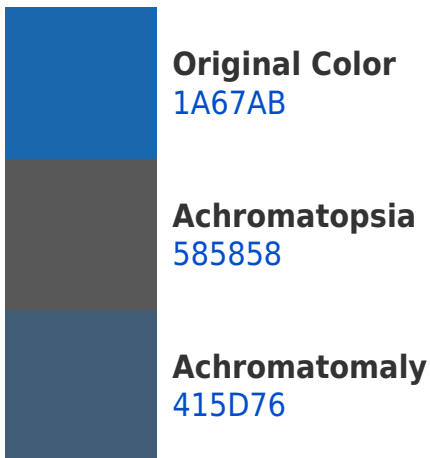


**Tritanopia**  
006F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A67AB 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 #1A67AB looks like.

```
.text, #text, p{  
    color:#1A67AB  
}
```

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 #1A67AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A67AB
}
```

## Border

The CSS property to change the border of an element to Hex 1A67AB 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
#1A67AB }
```

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

```
.border{ border-color:#1A67AB }
```

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

Here you see how a box with a 4 pixel #1A67AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A67AB; -webkit-box-shadow:4px 4px  
4px 4px #1A67AB; box-shadow:4px 4px 4px  
4px #1A67AB }
```

# Background

The CSS property to change the background color of an element to Hex 1A67AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A67AB }
```

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

```
.background{ background-color:#1A67AB }
```

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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