

# Converting Colors

Hex(1A0BC6)

Have a look what the booklet for  
Hex(1A0BC6) contains.

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# Color

**Hex(1A0BC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A0BC6
RGB	26, 11, 198
RGB Percent	10%, 4%, 78%
CMY	0.8980, 0.9569, 0.2235
CMYK	0.87, 0.94, 0.00, 0.22
HSL	245°, 89%, 41%
HSV	245°, 94%, 78%
XYZ	10.7387, 4.5362, 53.7357
YIQ	36.8030, -51.0870, 61.3370

# Conversions

## Conversions Part 2

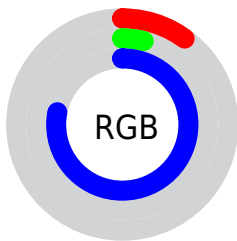
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 11, 198
Decimal	1706950
CIELab	25.37, 63.40, -86.72
CIElCh	25, 107.425, 306.168
Yxy	4.5362, 0.1556, 0.0657
Android (android.graphics.Color)	4279897030 (0xFF1A0BC6)
YUV	36.8030, 79.4701, -9.4742
Hunter-Lab	21.2983, 52.7287, -134.6800

# Details

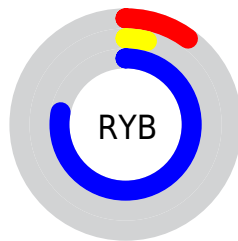
The Hex color **1A0BC6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B7C60B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6E44FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **1000C6**, and if you desaturate by 10%, it is **2C1FC6**.

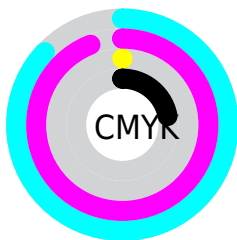
# Distribution



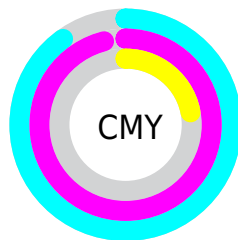
- Red (10%)
- Green (4%)
- Blue (78%)



- Red (10%)
- Yellow (4%)
- Blue (78%)



- Cyan (87%)
- Magenta (94%)
- Yellow (0%)
- Black (22%)



- Cyan (90%)
- Magenta (96%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A0BC6 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 1A0BC6 by changing the saturation by 10% instead.



 1A0BC6

 1A0BC6

FFFFFF

 0000AA

 6E44FF

 00008E

 8F5EFF

 000074

 AE79FF

 000D5A

 CE94FF

 000741

 EDAFFF

 00032A

 FFCBFF

 000114

 FFE8FF

 000000

 1A0BC6

 1A0BC6

■ 1000C6

■ 2C1FC6

■ 3E33C6

■ 5146C6

■ 635AC6

■ 756EC6

■ 8782C6

■ 9996C6

■ ACA9C6

■ BEBDC6

# Harmonies

## Analogous

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



0049E8



1A0BC6



A00080

# Triad

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



1A0BC6



7B0F00



00544C

# Complementary

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



1A0BC6



B7C60B

# 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.



005100



1A0BC6



3C4000

# Square

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



1A0BC6



A80000



004D00



00569E

# Rectangle

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



1A0BC6



B7004B



004D00



00532F



# Sweetspot

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



1A0BC6



BDB8FF



0BBAC6



585480



000000



808080



# Same Dimension

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



1A0BC6



1400FF



750BC6



5A5A63



0D00A3



030024



# Inverse Universe

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



C60BB7



FF00EB



5CC60B



635A63



A30096

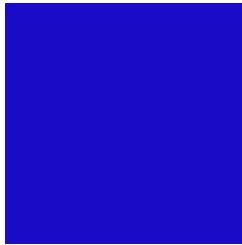


240021



# Previews

## White Background



This preview shows how the Hex color 1A0BC6 looks on a white background.

## Color Contrast Check

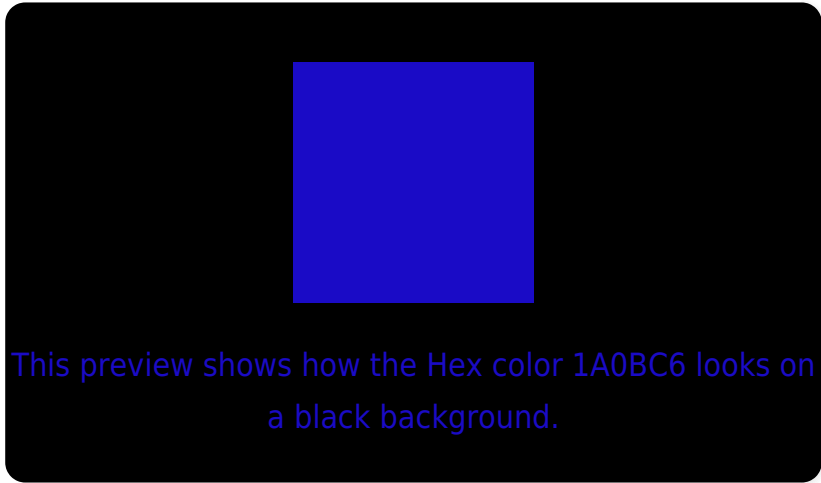
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

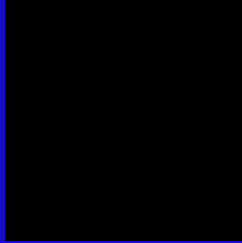
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A0BC6 Background



This preview shows how black text looks on a background with the Hex color 1A0BC6.



This preview shows how white text looks on a background with the Hex color 1A0BC6.

# 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



**Original Color**  
1A0BC6

**Protanopia**  
003B7C

**Deuteranopia**  
003F69

# Trichromacy



**Original Color**  
1A0BC6

**Protanomaly**  
092A97

**Deuteranomaly**  
092C8B

# Monochromacy



**Original Color**  
1A0BC6

**Achromatopsia**  
252525

**Achromatomaly**  
211C60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A0BC6 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 #1A0BC6 looks like.

```
.text, #text, p{  
    color:#1A0BC6  
}
```

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 #1A0BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0BC6
}
```

## Border

The CSS property to change the border of an element to Hex 1A0BC6 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
#1A0BC6 }
```

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

```
.border{ border-color:#1A0BC6 }
```

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

Here you see how a box with a 4 pixel #1A0BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0BC6; -webkit-box-shadow:4px 4px  
4px 4px #1A0BC6; box-shadow:4px 4px 4px  
4px #1A0BC6 }
```

# Background

The CSS property to change the background color of an element to Hex 1A0BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0BC6 }
```

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

```
.background{ background-color:#1A0BC6 }
```

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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