

# Converting Colors

Hex(0621BC)

Have a look what the booklet for  
Hex(0621BC) contains.

<b>Hex(0621BC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0621BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0621BC
RGB	6, 33, 188
RGB Percent	2%, 13%, 74%
CMY	0.9765, 0.8706, 0.2627
CMYK	0.97, 0.82, 0.00, 0.26
HSL	231°, 94%, 38%
HSV	231°, 97%, 74%
XYZ	9.6961, 4.7573, 47.9842
YIQ	42.5970, -65.8470, 42.4810

# Conversions

## Conversions Part 2

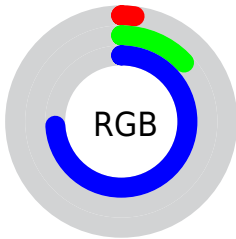
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	6, 30, 188
Decimal	401852
CIE Lab	26.03, 52.46, -79.73
CIE LCh	26, 95.438, 303.342
Yxy	4.7573, 0.1553, 0.0762
Android (android.graphics.Color)	4278591932 (0xFF0621BC)
YUV	42.5970, 71.6837, -32.0956
Hunter-Lab	21.8112, 41.1819, -115.1691

# Details

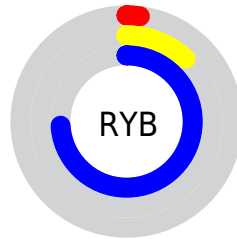
The Hex color **0621BC** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BCA106**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6551F6**, and **000085** is the 20% darker color. If you saturate the color by 10%, you get **001CBC**, and if you desaturate by 10%, it is **1931BC**.

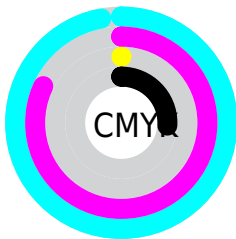
# Distribution



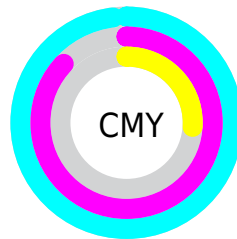
- Red (2%)
- Green (13%)
- Blue (74%)



- Red (2%)
- Yellow (12%)
- Blue (74%)



- Cyan (97%)
- Magenta (82%)
- Yellow (0%)
- Black (26%)



- Cyan (98%)
- Magenta (87%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0621BC 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 0621BC by changing the saturation by 10% instead.



 0621BC

 0621BC

FFFFFF

 0008A0

 6551F6

 000085

 856AFF

 00006B

 A484FF

 000B51

 C39FFF

 000539

 E2BAFF

 000223

 FFD6FF

 00000A

 FFF3FF

 000000

 0621BC

 0621BC

■ 001CBC

■ 1931BC

■ 2C41BC

■ 3E51BC

■ 5161BC

■ 6471BC

■ 7781BC

■ 8A91BC

■ 9CA1BC

■ AFB1BC

# Harmonies

## Analogous

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



004AD6



0621BC



920081

# Triad

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



0621BC



7D1300



005445

# Complementary

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



0621BC



BCA106

# 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



0621BC



453F00

# Square

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



0621BC



A30000



004D00



00568E

# Rectangle

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



0621BC



AB0051



004D00



00532B



# Sweetspot

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



0621BC



AEB8F5



06BCA1



50567A



FAFAFA



7A7A7A



# Same Dimension

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



0621BC



0024F5



4606BC



55565E



00179E



00051F



# Inverse Universe

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



BC0621



F50024



7CBC06



5E5556



9E0017

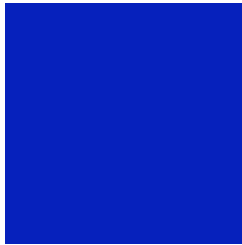


1F0005



# Previews

## White Background



This preview shows how the Hex color 0621BC looks on a white background.

## Color Contrast Check

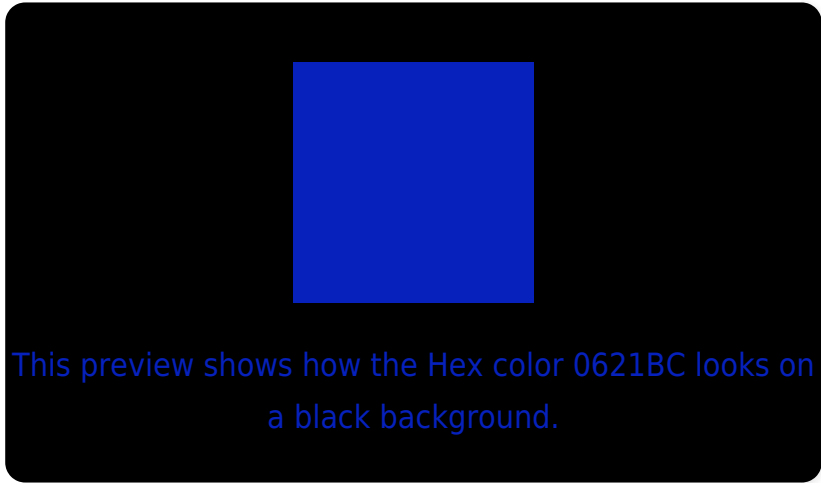
Large Text (above 18pt) WCAG AA ✓ Pass

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

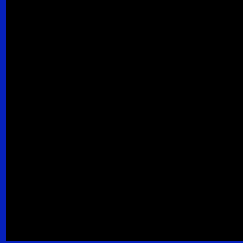
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0621BC Background



This preview shows how black text looks on a background with the Hex color 0621BC.



This preview shows how white text looks on a background with the Hex color 0621BC.

# 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**  
0621BC

**Protanopia**  
003C7E

**Deuteranopia**  
00406B



# Trichromacy



**Original Color**  
0621BC

**Protanomaly**  
023295

**Deuteranomaly**  
023588

**Tritanomaly**  
023872

# Monochromacy



**Original Color**  
0621BC

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
1E2760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0621BC 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 #0621BC looks like.

```
.text, #text, p{  
    color:#0621BC  
}
```

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 #0621BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0621BC
}
```

## Border

The CSS property to change the border of an element to Hex 0621BC 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
#0621BC }
```

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

```
.border{ border-color:#0621BC }
```

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

Here you see how a box with a 4 pixel #0621BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0621BC; -webkit-box-shadow:4px 4px  
4px 4px #0621BC; box-shadow:4px 4px 4px  
4px #0621BC }
```

# Background

The CSS property to change the background color of an element to Hex 0621BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0621BC }
```

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

```
.background{ background-color:#0621BC }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor