

# Converting Colors

Hex(1011AC)

Have a look what the booklet for  
Hex(1011AC) contains.

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# Color

**Hex(1011AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1011AC
RGB	16, 17, 172
RGB Percent	6%, 7%, 67%
CMY	0.9373, 0.9333, 0.3255
CMYK	0.91, 0.90, 0.00, 0.33
HSL	240°, 83%, 37%
HSV	240°, 91%, 67%
XYZ	7.8605, 3.4896, 39.2890
YIQ	34.3710, -50.3510, 47.9930

# Conversions

## Conversions Part 2

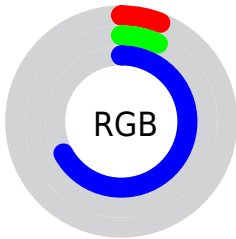
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 17, 172
Decimal	1053100
CIE <sub>Lab</sub>	21.91, 54.45, -77.03
CIE <sub>LCh</sub>	22, 94.331, 305.256
Yxy	3.4896, 0.1552, 0.0689
Android (android.graphics.Color)	4279243180 (0xFF1011AC)
YUV	34.3710, 67.8511, -16.1114
Hunter-Lab	18.6805, 42.4197, -111.6228

# Details

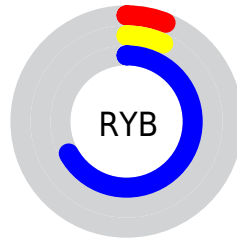
The Hex color **1011AC** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ACAB10**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6344E5**, and **000076** is the 20% darker color. If you saturate the color by 10%, you get **0001AC**, and if you desaturate by 10%, it is **2122AC**.

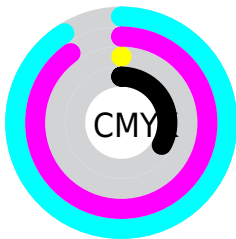
# Distribution



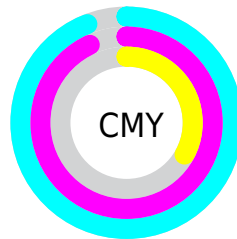
- Red (6%)
- Green (7%)
- Blue (67%)



- Red (6%)
- Yellow (7%)
- Blue (67%)



- Cyan (91%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (94%)
- Magenta (93%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1011AC 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 1011AC by changing the saturation by 10% instead.



 1011AC

 1011AC

FFFFFF

 000091

 6344E5

 000076

 835DFF

 00005C

 A177FF

 000743

 C091FF

 00032C

 DEACFF

 000117

 FDC8FF

 000000

 FFE5FF

 1011AC

 1011AC

■ 0001AC

■ 2122AC

■ 3233AC

■ 4444AC

■ 5555AC

■ 6666AC

■ 7778AC

■ 8889AC

■ 9A9AAC

■ ABABAC

# Harmonies

## Analogous

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



0040C8



1011AC



890071

# Triad

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



1011AC



6D0D00



004A40

# Complementary

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



1011AC



ACAB10

# 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.



004700



1011AC



373700

# Square

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



1011AC



920000



004300



004B87

# Rectangle

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



1011AC



9E0043



004300



004927



# Sweetspot

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



1011AC



A4A4E0



10ACA9



4C4D70



F0F0F0



707070



# Same Dimension

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



1011AC



0001E0



5B10AC



4E4E57



000196



000017



# Inverse Universe

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



AC1011



E00001



61AC10



574E4E



960001

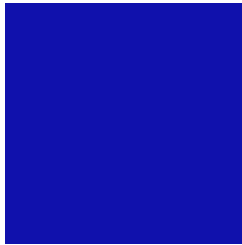


170000



# Previews

## White Background



This preview shows how the Hex color 1011AC looks on a white background.

## Color Contrast Check

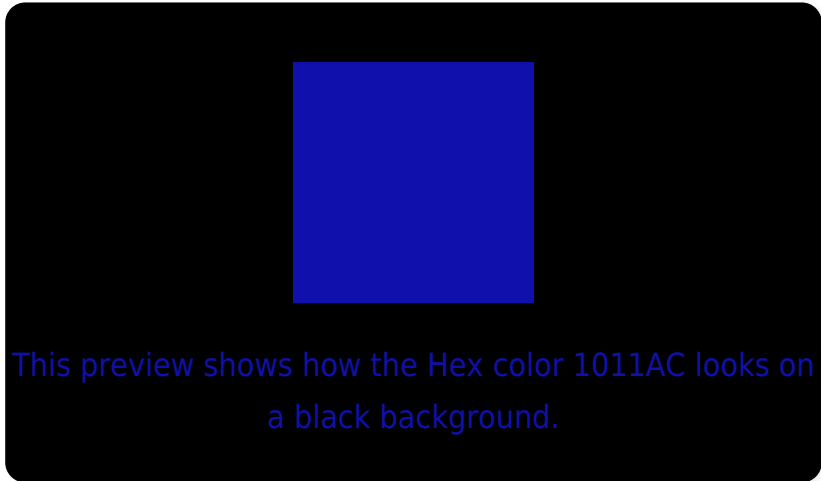
Large Text (above 18pt) WCAG AA ✓ Pass

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

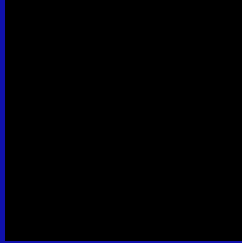
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1011AC Background



This preview shows how black text looks on a background with the Hex color 1011AC.



This preview shows how white text looks on a background with the Hex color 1011AC.

# 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**  
1011AC

**Protanopia**  
00346D

**Deuteranopia**  
00385C



**Tritanopia**  
003C3F

# Trichromacy



**Original Color**  
1011AC

**Protanomaly**  
062784

**Deuteranomaly**  
062A79

**Tritanomaly**  
062C67

# Monochromacy



**Original Color**  
1011AC

**Achromatopsia**  
222222

**Achromatomaly**  
1B1C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1011AC 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 #1011AC looks like.

```
.text, #text, p{  
    color:#1011AC  
}
```

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 #1011AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1011AC
}
```

## Border

The CSS property to change the border of an element to Hex 1011AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

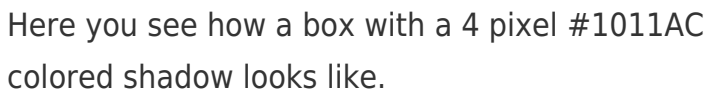
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1011AC }
```

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

```
.border{ border-color:#1011AC }
```

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



Here you see how a box with a 4 pixel #1011AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1011AC; -webkit-box-shadow:4px 4px  
4px 4px #1011AC; box-shadow:4px 4px 4px  
4px #1011AC }
```

# Background

The CSS property to change the background color of an element to Hex 1011AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1011AC }
```

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

```
.background{ background-color:#1011AC }
```

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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