

Converting Colors

Hex(0A27BB)

Have a look what the booklet for
Hex(0A27BB) contains.

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Color

Hex(0A27BB)

Conversions

Conversions Part 1

Format	Color
Hex	0A27BB
RGB	10, 39, 187
RGB Percent	4%, 15%, 73%
CMY	0.9608, 0.8471, 0.2667
CMYK	0.95, 0.79, 0.00, 0.27
HSL	230°, 90%, 39%
HSV	230°, 95%, 73%
XYZ	9.8203, 5.1034, 47.4812
YIQ	47.2010, -64.7920, 39.8800

Conversions

Conversions Part 2

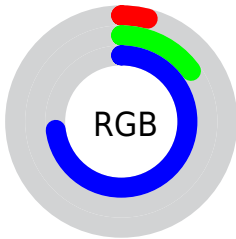
Format	Color
RYB	10, 35, 187
Decimal	665531
CIELab	27.03, 49.16, -77.48
CIELCh	27, 91.758, 302.394
Yxy	5.1034, 0.1574, 0.0818
Android (android.graphics.Color)	4278855611 (0xFF0A27BB)
YUV	47.2010, 68.9209, -32.6253
Hunter-Lab	22.5908, 38.0612, -108.8020

Details

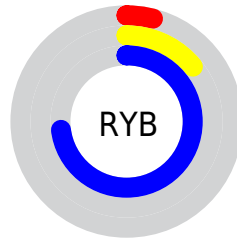
The Hex color **0A27BB** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BB9E0A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6556F5**, and **000084** is the 20% darker color. If you saturate the color by 10%, you get **001FBB**, and if you desaturate by 10%, it is **1D37BB**.

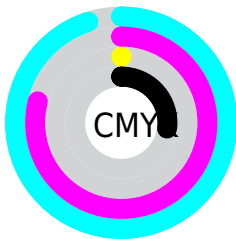
Distribution



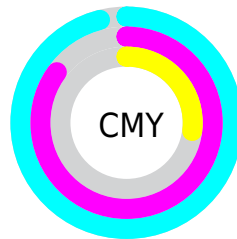
- Red (4%)
- Green (15%)
- Blue (73%)



- Red (4%)
- Yellow (14%)
- Blue (73%)



- Cyan (95%)
- Magenta (79%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (85%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A27BB 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 0A27BB by changing the saturation by 10% instead.

■ 0A27BB

■ 0A27BB

FFFFFF

■ 00109F

■ 6556F5

■ 000084

■ 856FFF

■ 00006A

■ A489FF

■ 000B51

■ C2A4FF

■ 000539

■ E1BFFF

■ 000222

■ FFDCFF

■ 000008

■ FFF8FF

■ 000000

■ 0A27BB

■ 0A27BB

■ 001FBB

■ 1D37BB

■ 2F46BB

■ 4256BB

■ 5566BB

■ 6775BB

■ 7A85BB

■ 8D94BB

■ A0A4BB

■ B2B4BB

Harmonies

Analogous

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



004CD3



0A27BB



910083

Triad

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



0A27BB



7F1700



005644

Complementary

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



0A27BB



BB9E0A

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.



005300



0A27BB



4A4000

Square

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



0A27BB



A40000



004E00



00588B

Rectangle

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



0A27BB



A90055



004E00



00552B

Sweetspot

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



0A27BB



AEBAF2



0ABB9D



51587A



FAFAFA



7A7A7A

Same Dimension

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



0A27BB



0028F2



450ABB



55565E



001A9E



00051F

Inverse Universe

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



BB0A27



F20028



80BB0A



5E5556



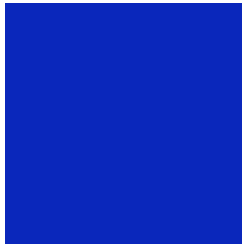
9E001A



1F0005

Previews

White Background



This preview shows how the Hex color 0A27BB 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

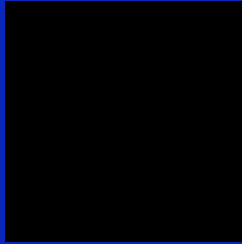
Any Text WCAG AA × Fail

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 0A27BB Background



This preview shows how black text looks on a background with the Hex color 0A27BB.



This preview shows how white text looks on a background with the Hex color 0A27BB.

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
0A27BB

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00474B

Trichromacy



Original Color
0A27BB

Protanomaly
043697

Deuteranomaly
04388A

Tritanomaly
043B74

Monochromacy



Original Color
0A27BB

Achromatopsia
2F2F2F

Achromatomaly
222C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A27BB 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 #0A27BB looks like.

```
.text, #text, p{  
    color:#0A27BB  
}
```

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 #0A27BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A27BB
}
```

Border

The CSS property to change the border of an element to Hex 0A27BB 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
#0A27BB }
```

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

```
.border{ border-color:#0A27BB }
```

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

Here you see how a box with a 4 pixel #0A27BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A27BB; -webkit-box-shadow:4px 4px  
4px 4px #0A27BB; box-shadow:4px 4px 4px  
4px #0A27BB }
```

Background

The CSS property to change the background color of an element to Hex 0A27BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A27BB }
```

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

```
.background{ background-color:#0A27BB }
```

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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