

Converting Colors

Hex(100BA7)

Have a look what the booklet for
Hex(100BA7) contains.

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Color

Hex(100BA7)

Conversions

Conversions Part 1

Format	Color
Hex	100BA7
RGB	16, 11, 167
RGB Percent	6%, 4%, 65%
CMY	0.9373, 0.9569, 0.3451
CMYK	0.90, 0.93, 0.00, 0.35
HSL	242°, 88%, 35%
HSV	242°, 93%, 65%
XYZ	7.3084, 3.1395, 36.7800
YIQ	30.2790, -47.0960, 49.5760

Conversions

Conversions Part 2

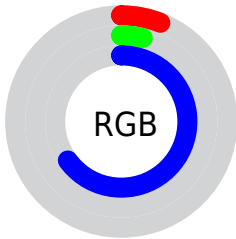
Format	Color
R_{YB}	16, 11, 167
Decimal	1051559
CIE _{Lab}	20.59, 54.88, -76.19
CIE _{LCh}	21, 93.903, 305.765
Yxy	3.1395, 0.1547, 0.0665
Android (android.graphics.Color)	4279241639 (0xFF100BA7)
YUV	30.2790, 67.4035, -12.5227
Hunter-Lab	17.7187, 42.6179, -110.6695

Details

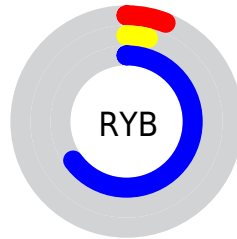
The Hex color **100BA7** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A2A70B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6240E0**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **0500A7**, and if you desaturate by 10%, it is **201CA7**.

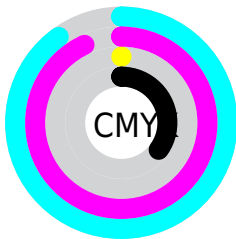
Distribution



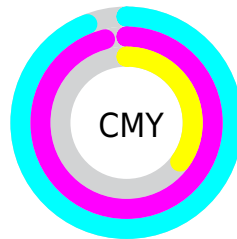
- Red (6%)
- Green (4%)
- Blue (65%)



- Red (6%)
- Yellow (4%)
- Blue (65%)



- Cyan (90%)
- Magenta (93%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100BA7 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 100BA7 by changing the saturation by 10% instead.

 100BA7


 100BA7


 FFFDFF

 00008C

 6240E0

 000071

 8159FD

 000158


 A073FF

 00063F

 BE8DFF

 000328

 DDA8FF

 000112

 FBC4FF

 000000

 FFE0FF

 100BA7

 100BA7

■ 0500A7

■ 201CA7

■ 302CA7

■ 403DA7

■ 514EA7

■ 615EA7

■ 716FA7

■ 8180A7

■ 9191A7

■ A1A1A7

Harmonies

Analogous

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



003DC3



100BA7



85006C

Triad

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



100BA7



680A00



00463E

Complementary

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



100BA7



A2A70B

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.



004400



100BA7



323400

Square

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



100BA7



8D0000



004000



004884

Rectangle

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



100BA7



99003F



004000



004526

Sweetspot

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



100BA7



9E9CD9



0BA4A7



4A486E



EDEDED



6E6E6E

Same Dimension

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



100BA7



0700D9



5C0BA7



4C4C54



050094



010014

Inverse Universe

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



A70BA2



D900D2



56A70B



544C54



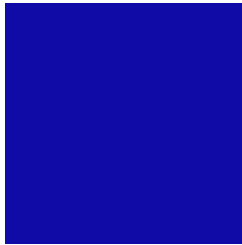
94008F



140014

Previews

White Background



This preview shows how the Hex color 100BA7 looks on a white background.

Color Contrast Check

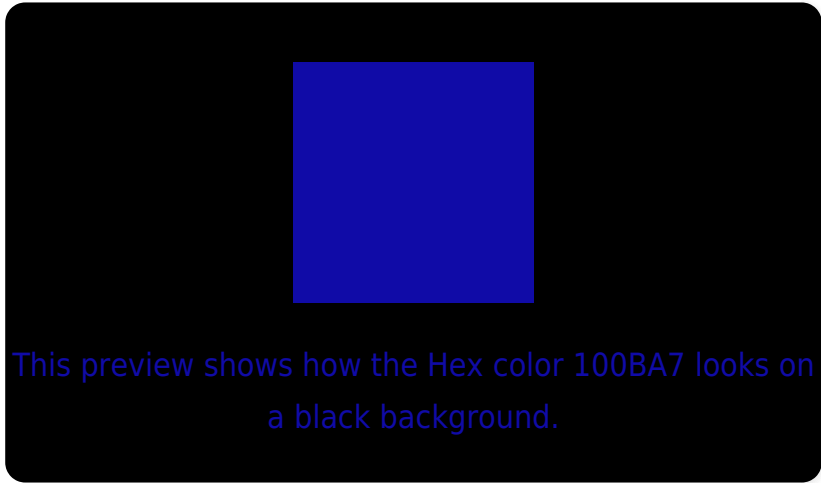
Large Text (above 18pt) WCAG AA ✓ Pass

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

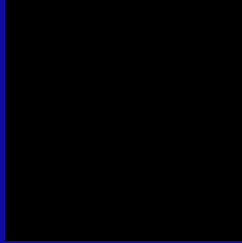
Any Text WCAG AA × Fail

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 100BA7 Background



This preview shows how black text looks on a background with the Hex color 100BA7.



This preview shows how white text looks on a background with the Hex color 100BA7.

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
100BA7

Protanopia
003268

Deuteranopia
003558

Trichromacy



Original Color
100BA7

Protanomaly
06247F

Deuteranomaly
062675

Tritanomaly
062863

Monochromacy



Original Color
100BA7

Achromatopsia
1E1E1E

Achromatomaly
191750

CSS Examples

Text

The CSS property to change the color of the text to Hex 100BA7 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 #100BA7 looks like.

```
.text, #text, p{  
    color:#100BA7  
}
```

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 #100BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100BA7
}
```

Border

The CSS property to change the border of an element to Hex 100BA7 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
#100BA7 }
```

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

```
.border{ border-color:#100BA7 }
```

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

Here you see how a box with a 4 pixel #100BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100BA7; -webkit-box-shadow:4px 4px  
4px 4px #100BA7; box-shadow:4px 4px 4px  
4px #100BA7 }
```

Background

The CSS property to change the background color of an element to Hex 100BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100BA7 }
```

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

```
.background{ background-color:#100BA7 }
```

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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