

# Converting Colors

Hex(110BA3)

Have a look what the booklet for  
Hex(110BA3) contains.

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# Color

**Hex(110BA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	110BA3
RGB	17, 11, 163
RGB Percent	7%, 4%, 64%
CMY	0.9333, 0.9569, 0.3608
CMYK	0.90, 0.93, 0.00, 0.36
HSL	242°, 87%, 34%
HSV	242°, 93%, 64%
XYZ	6.9617, 3.0029, 34.8630
YIQ	30.1220, -45.2160, 48.5440

# Conversions

## Conversions Part 2

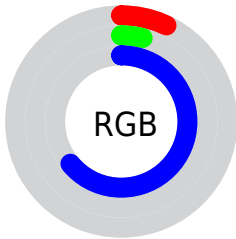
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 11, 163
Decimal	1117091
CIE Lab	20.06, 53.79, -74.66
CIE LCh	20, 92.019, 305.771
Yxy	3.0029, 0.1553, 0.0670
Android (android.graphics.Color)	4279307171 (0xFF110BA3)
YUV	30.1220, 65.5089, -11.5080
Hunter-Lab	17.3288, 41.3857, -107.1530

# Details

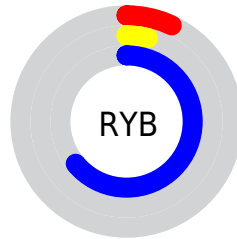
The Hex color **110BA3** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9DA30B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **613FDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **0600A3**, and if you desaturate by 10%, it is **211BA3**.

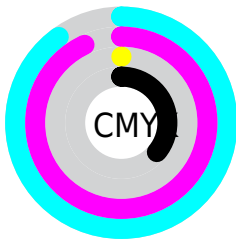
# Distribution



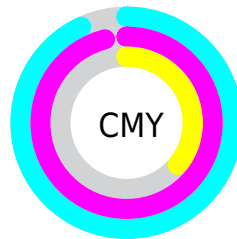
- Red (7%)
- Green (4%)
- Blue (64%)



- Red (7%)
- Yellow (4%)
- Blue (64%)



- Cyan (90%)
- Magenta (93%)
- Yellow (0%)
- Black (36%)




- Cyan (93%)
- Magenta (96%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 110BA3 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 110BA3 by changing the saturation by 10% instead.



 110BA3

 110BA3

 FFFDFF

 000088

 613FDB

 00006E

 8058F9

 000354

 9F72FF

 00063C

 BD8CFF

 000225


 DBA8FF


 00010E

 FAC3FF

 000000

 FFE0FF

 110BA3

 110BA3

■ 0600A3

■ 211BA3

■ 302CA3

■ 403CA3

■ 504CA3

■ 5F5DA3

■ 6F6DA3

■ 7F7DA3

■ 8E8DA3

■ 9E9EA3

# Harmonies

## Analogous

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



003BBF



110BA3



82006A

# Triad

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



110BA3



650B00



00443D

# Complementary

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



110BA3



9DA30B

# 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.



004300



110BA3



313300

# Square

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



110BA3



8A0000



003E00



004781

# Rectangle

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



110BA3



96003E



003E00



004425



# Sweetspot

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



110BA3



9B98D4



0B9EA3



48476B



EBEBEB



6B6B6B



# Same Dimension

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



110BA3



0800D4



5C0BA3



4A4952



060091



010012



# Inverse Universe

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



A30B9D



D400CB



52A30B



524951



91008C

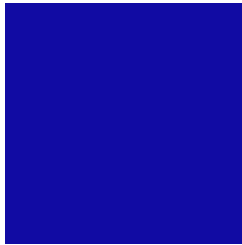


120011



# Previews

## White Background



This preview shows how the Hex color 110BA3 looks on a white background.

## Color Contrast Check

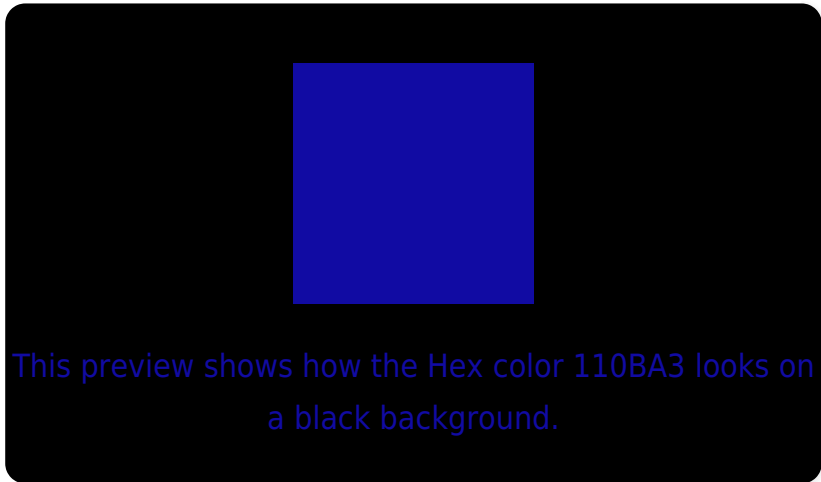
Large Text (above 18pt) WCAG AA ✓ Pass

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

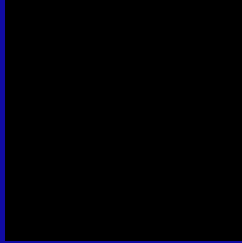
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 110BA3 Background



This preview shows how black text looks on a background with the Hex color 110BA3.



This preview shows how white text looks on a background with the Hex color 110BA3.

# 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**  
110BA3

**Protanopia**  
003166

**Deuteranopia**  
003456



**Tritanopia**  
00383A

# Trichromacy



**Original Color**  
110BA3

**Protanomaly**  
06237C

**Deuteranomaly**  
062572

**Tritanomaly**  
062860

# Monochromacy



**Original Color**  
110BA3

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
19174E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 110BA3 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 #110BA3 looks like.

```
.text, #text, p{  
    color:#110BA3  
}
```

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 #110BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #110BA3
}
```

## Border

The CSS property to change the border of an element to Hex 110BA3 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
#110BA3 }
```

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

```
.border{ border-color:#110BA3 }
```

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

Here you see how a box with a 4 pixel #110BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #110BA3; -webkit-box-shadow:4px 4px  
4px 4px #110BA3; box-shadow:4px 4px 4px  
4px #110BA3 }
```

# Background

The CSS property to change the background color of an element to Hex 110BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#110BA3 }
```

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

```
.background{ background-color:#110BA3 }
```

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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