

Converting Colors

Hex(110EB6)

Have a look what the booklet for
Hex(110EB6) contains.

Hex(110EB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(110EB6)

Conversions

Conversions Part 1

Format	Color
Hex	110EB6
RGB	17, 14, 182
RGB Percent	7%, 5%, 71%
CMY	0.9333, 0.9451, 0.2863
CMYK	0.91, 0.92, 0.00, 0.29
HSL	241°, 86%, 38%
HSV	241°, 92%, 71%
XYZ	8.8317, 3.8106, 44.5260
YIQ	34.0490, -52.1400, 52.8840

Conversions

Conversions Part 2

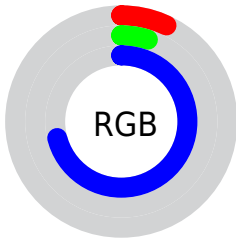
Format	Color
RYB	17, 14, 182
Decimal	1117878
CIELab	23.04, 58.21, -81.15
CIELCh	23, 99.868, 305.654
Yxy	3.8106, 0.1545, 0.0667
Android (android.graphics.Color)	4279307958 (0xFF110EB6)
YUV	34.0490, 72.9398, -14.9520
Hunter-Lab	19.5209, 46.5961, -121.5725

Details

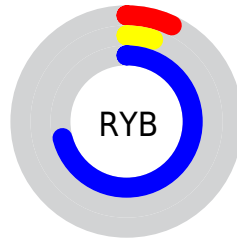
The Hex color **110EB6** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B3B60E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6743EF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **0300B6**, and if you desaturate by 10%, it is **2320B6**.

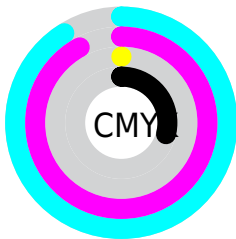
Distribution



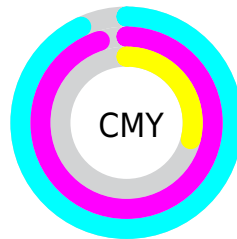
- Red (7%)
- Green (5%)
- Blue (71%)



- Red (7%)
- Yellow (5%)
- Blue (71%)



- Cyan (91%)
- Magenta (92%)
- Yellow (0%)
- Black (29%)




- Cyan (93%)
- Magenta (95%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 110EB6 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 110EB6 by changing the saturation by 10% instead.

 110EB6

 110EB6

FFFFFF

 00009A

 6743EF

 00007F

 875DFF

 000065

 A677FF

 00094C

 C591FF

 000434


 E3ADFF


 00021E

 FFC9FF

 000000

 FFE5FF

 110EB6

 110EB6

0300B6

2320B6

3532B6

4745B6

5957B6

6A69B6

7C7BB6

8E8DB6

A0A0B6

B2B2B6

Harmonies

Analogous

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



0043D4



110EB6



910077

Triad

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



110EB6



720C00



004D44

Complementary

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



110EB6



B3B60E

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.



004B00



110EB6



383A00

Square

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



110EB6



9A0000



004600



004F90

Rectangle

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



110EB6



A70046



004600



004C2A

Sweetspot

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



110EB6



ACABED



0EB3B6



504F78



F7F7F7



787878

Same Dimension

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



110EB6



0400ED



650EB6



53535C



03009C



01001C

Inverse Universe

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



B60EB3



ED00E9



5FB60E



5C535C



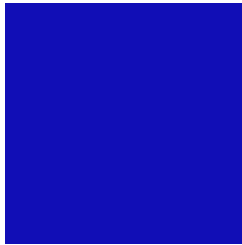
9C0099



1C001C

Previews

White Background



This preview shows how the Hex color 110EB6 looks on a white background.

Color Contrast Check

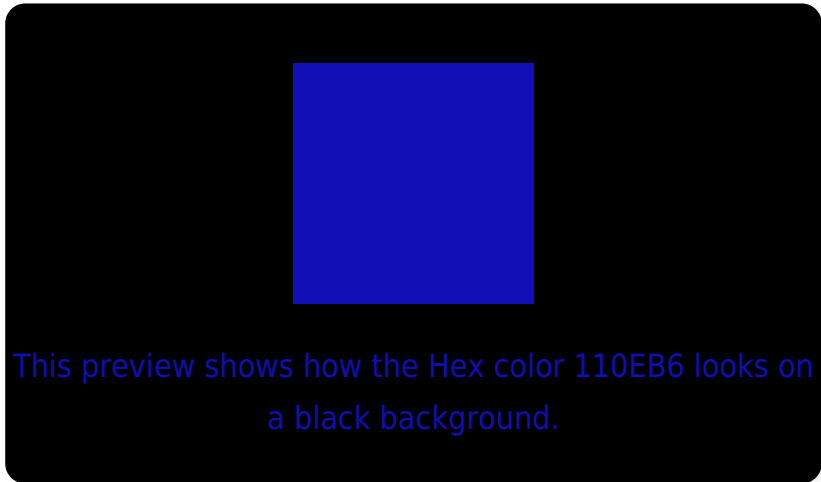
Large Text (above 18pt) WCAG AA ✓ Pass

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

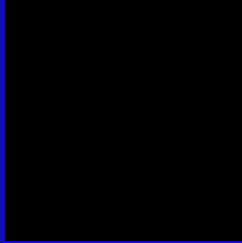
Any Text WCAG AA × Fail

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 110EB6 Background



This preview shows how black text looks on a background with the Hex color 110EB6.



This preview shows how white text looks on a background with the Hex color 110EB6.

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
110EB6

Protanopia
003672

Deuteranopia
003A61



Tritanopia
003F41

Trichromacy



Original Color

110EB6

Protanomaly

06278B

Deuteranomaly

062A80

Tritanomaly

062D6C

Monochromacy



Original Color

110EB6

Achromatopsia

222222

Achromatomaly

1C1B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 110EB6 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 #110EB6 looks like.

```
.text, #text, p{  
    color:#110EB6  
}
```

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 #110EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #110EB6
}
```

Border

The CSS property to change the border of an element to Hex 110EB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

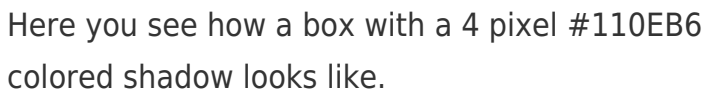
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#110EB6 }
```

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

```
.border{ border-color:#110EB6 }
```

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



Here you see how a box with a 4 pixel #110EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #110EB6; -webkit-box-shadow:4px 4px  
4px 4px #110EB6; box-shadow:4px 4px 4px  
4px #110EB6 }
```

Background

The CSS property to change the background color of an element to Hex 110EB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#110EB6 }
```

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

```
.background{ background-color:#110EB6 }
```

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