

# Converting Colors

Hex(1139BB)

Have a look what the booklet for  
Hex(1139BB) contains.

<b>Hex(1139BB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(1139BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1139BB
RGB	17, 57, 187
RGB Percent	7%, 22%, 73%
CMY	0.9333, 0.7765, 0.2667
CMYK	0.91, 0.70, 0.00, 0.27
HSL	226°, 83%, 40%
HSV	226°, 91%, 73%
XYZ	10.6639, 6.6333, 47.7320
YIQ	59.8600, -65.5700, 31.9500

# Conversions

## Conversions Part 2

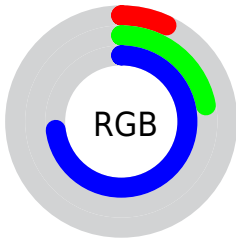
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 49, 187
Decimal	1128891
CIE <sub>Lab</sub>	30.96, 38.75, -70.97
CIE <sub>LCh</sub>	31, 80.862, 298.637
Yxy	6.6333, 0.1640, 0.1020
Android (android.graphics.Color)	4279318971 (0xFF1139BB)
YUV	59.8600, 62.6800, -37.5882
Hunter-Lab	25.7552, 28.8365, -91.8535

# Details

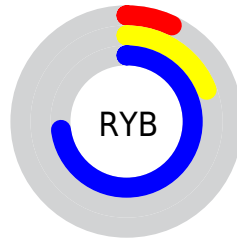
The Hex color **1139BB** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BB9311**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6568F4**, and **001084** is the 20% darker color. If you saturate the color by 10%, you get **002CBB**, and if you desaturate by 10%, it is **2447BB**.

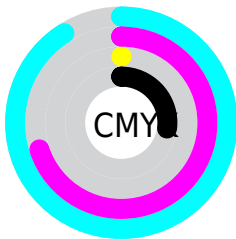
# Distribution



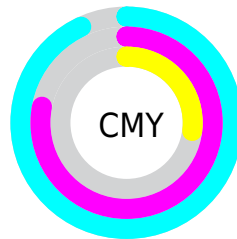
- Red (7%)
- Green (22%)
- Blue (73%)



- Red (7%)
- Yellow (19%)
- Blue (73%)



- Cyan (91%)
- Magenta (70%)
- Yellow (0%)
- Black (27%)




- Cyan (93%)
- Magenta (78%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 1139BB 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 1139BB by changing the saturation by 10% instead.



 1139BB

 1139BB

FFFFFF

 00249F

 6568F4

 001084

 8481FF

 00006A

 A39BFF

 000B51

 C1B6FF

 000539


 DFD2FF


 000222

 FEEEFF

 000009

 000000

 1139BB

 1139BB

002CBB

2447BB

3656BB

4964BB

5C72BB

6F81BB

818FBB

949DBB

A7ABBB

B9BABB

# Harmonies

## Analogous

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



0054CB



1139BB



8D008C

# Triad

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



1139BB



8B2300



005F44

# Complementary

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



1139BB



BB9311

# 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.



005C00



1139BB



5C4600

# Square

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



1139BB



A90012



125600



006085

# Rectangle

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



1139BB



A70064



125600



005E2E



# Sweetspot

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



1139BB



B1C0F2



11BB91



535C7A



FAFAFA



7A7A7A



# Same Dimension

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



1139BB



0039F2



3C11BB



55575E



00259E



00071F



# Inverse Universe

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



BB1139



F20039



91BB11



5E5557



9E0025

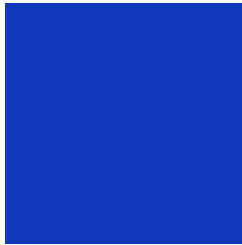


1F0007



# Previews

## White Background



This preview shows how the Hex color 1139BB looks on a white background.

## Color Contrast Check

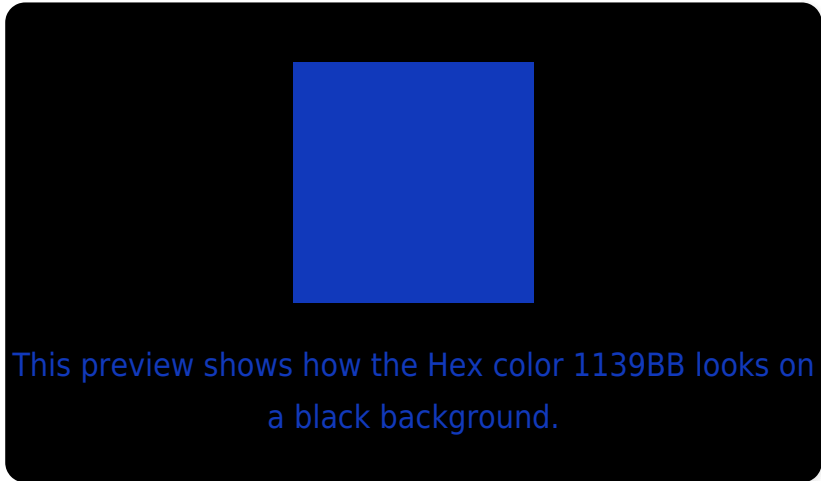
Large Text (above 18pt) WCAG AA ✓ Pass

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

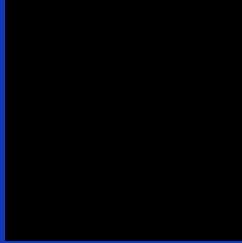
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1139BB Background



This preview shows how black text looks on a background with the Hex color 1139BB.



This preview shows how white text looks on a background with the Hex color 1139BB.

# 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**  
1139BB

**Protanopia**  
004694

**Deuteranopia**  
004B7E



# Trichromacy



**Original Color**  
1139BB

**Protanomaly**  
0641A2

**Deuteranomaly**  
064494

**Tritanomaly**  
06487A

# Monochromacy



**Original Color**  
1139BB

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2C3B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1139BB 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 #1139BB looks like.

```
.text, #text, p{  
    color:#1139BB  
}
```

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 #1139BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1139BB  
}
```

## Border

The CSS property to change the border of an element to Hex 1139BB 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  
#1139BB }
```

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

```
.border{ border-color:#1139BB }
```

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

Here you see how a box with a 4 pixel #1139BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1139BB; -webkit-box-shadow:4px 4px  
4px 4px #1139BB; box-shadow:4px 4px 4px  
4px #1139BB }
```

# Background

The CSS property to change the background color of an element to Hex 1139BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1139BB }
```

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

```
.background{ background-color:#1139BB }
```

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