

# Converting Colors

Hex(1C11AA)

Have a look what the booklet for  
Hex(1C11AA) contains.

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# Color

**Hex(1C11AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C11AA
RGB	28, 17, 170
RGB Percent	11%, 7%, 67%
CMY	0.8902, 0.9333, 0.3333
CMYK	0.84, 0.90, 0.00, 0.33
HSL	244°, 82%, 37%
HSV	244°, 90%, 67%
XYZ	7.9350, 3.5501, 38.2972
YIQ	37.7310, -42.5570, 49.9150

# Conversions

## Conversions Part 2

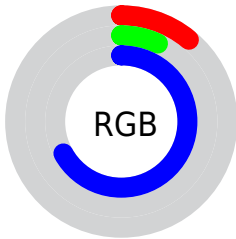
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 17, 170
Decimal	1839530
CIE <sub>Lab</sub>	22.12, 54.20, -75.45
CIE <sub>LCh</sub>	22, 92.895, 305.693
Yxy	3.5501, 0.1594, 0.0713
Android (android.graphics.Color)	4280029610 (0xFF1C11AA)
YUV	37.7310, 65.2086, -8.5341
Hunter-Lab	18.8416, 42.2016, -107.3231

# Details

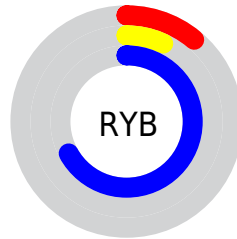
The Hex color **1C11AA** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9FAA11**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6744E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **0C00AA**, and if you desaturate by 10%, it is **2C22AA**.

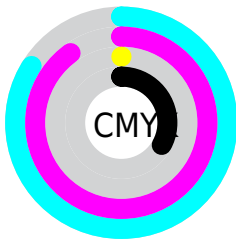
# Distribution



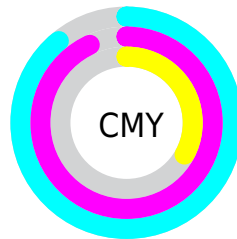
- Red (11%)
- Green (7%)
- Blue (67%)



- Red (11%)
- Yellow (7%)
- Blue (67%)



- Cyan (84%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (93%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C11AA 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 1C11AA by changing the saturation by 10% instead.



■ 1C11AA

■ 1C11AA

FFFFFF

■ 00008F

■ 6744E3

■ 000074

■ 865DFF

■ 00005A

■ A477FF

■ 000742

■ C392FF

■ 00032B

■ E1ADFF

■ 000115

■ FFC9FF

■ 000000

■ FFE5FF

■ 1C11AA

■ 1C11AA

0C00AA

2C22AA

3C33AA

4B44AA

5B55AA

6B66AA

7B77AA

8A88AA

9A99AA

AAAAAA

# Harmonies

## Analogous

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



003FC6



1C11AA



890070

# Triad

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



1C11AA



6C1000



004A41

# Complementary

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



1C11AA



9FAA11

# 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.



004800



1C11AA



363800

# Square

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



1C11AA



910000



004300



004C87

# Rectangle

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



1C11AA



9D0042



004300



004929



# Sweetspot

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



1C11AA



A6A2DE



11A0AA



4F4C70



F0F0F0



707070



# Same Dimension

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



1C11AA



1000DE



6811AA



4C4C54



0B0094



010014



# Inverse Universe

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



AA119F



DE00CE



53AA11



544C54



940089

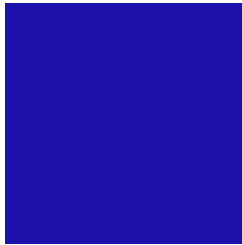


140013



# Previews

## White Background



This preview shows how the Hex color 1C11AA looks on a white background.

## Color Contrast Check

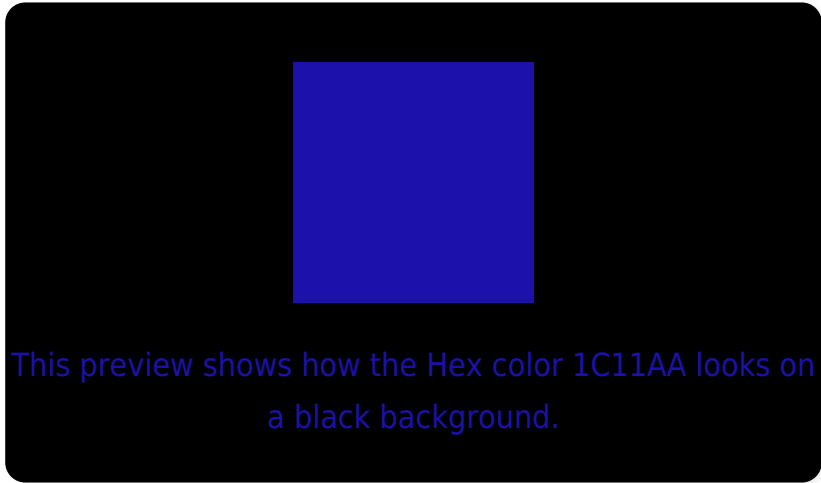
Large Text (above 18pt) WCAG AA ✓ Pass

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

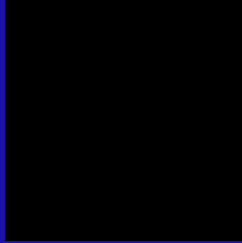
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C11AA Background



This preview shows how black text looks on a background with the Hex color 1C11AA.



This preview shows how white text looks on a background with the Hex color 1C11AA.

# 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**  
1C11AA

**Protanopia**  
00346E

**Deuteranopia**  
00385D



**Tritanopia**  
003C3F

# Trichromacy



**Original Color**  
1C11AA

**Protanomaly**  
0A2784

**Deuteranomaly**  
0A2A79

**Tritanomaly**  
0A2C66

# Monochromacy



**Original Color**  
1C11AA

**Achromatopsia**  
262626

**Achromatomaly**  
221E56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C11AA 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 #1C11AA looks like.

```
.text, #text, p{  
    color:#1C11AA  
}
```

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 #1C11AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C11AA
}
```

## Border

The CSS property to change the border of an element to Hex 1C11AA 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
#1C11AA }
```

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

```
.border{ border-color:#1C11AA }
```

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

Here you see how a box with a 4 pixel #1C11AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C11AA; -webkit-box-shadow:4px 4px  
4px 4px #1C11AA; box-shadow:4px 4px 4px  
4px #1C11AA }
```

# Background

The CSS property to change the background color of an element to Hex 1C11AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C11AA }
```

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

```
.background{ background-color:#1C11AA }
```

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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