

Converting Colors

Hex(1121BD)

Have a look what the booklet for
Hex(1121BD) contains.

Hex(1121BD)	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(1121BD)

Conversions

Conversions Part 1

Format	Color
Hex	1121BD
RGB	17, 33, 189
RGB Percent	7%, 13%, 74%
CMY	0.9333, 0.8706, 0.2588
CMYK	0.91, 0.83, 0.00, 0.26
HSL	234°, 83%, 40%
HSV	234°, 91%, 74%
XYZ	9.9603, 4.8810, 48.5613
YIQ	46.0000, -59.6120, 45.1240

Conversions

Conversions Part 2

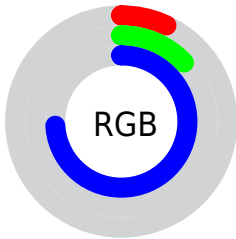
Format	Color
RYB	17, 32, 189
Decimal	1122749
CIELab	26.39, 53.00, -79.71
CIELCh	26, 95.726, 303.620
Yxy	4.8810, 0.1571, 0.0770
Android (android.graphics.Color)	4279312829 (0xFF1121BD)
YUV	46.0000, 70.4990, -25.4330
Hunter-Lab	22.0930, 41.8116, -114.8566

Details

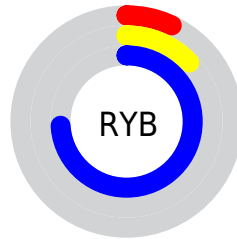
The Hex color **1121BD** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BDAD11**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6851F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **0012BD**, and if you desaturate by 10%, it is **2432BD**.

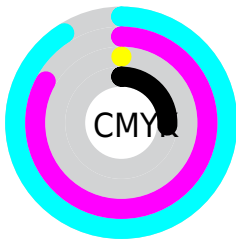
Distribution



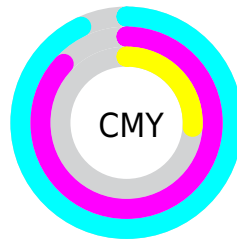
- Red (7%)
- Green (13%)
- Blue (74%)



- Red (7%)
- Yellow (13%)
- Blue (74%)



- Cyan (91%)
- Magenta (83%)
- Yellow (0%)
- Black (26%)



- Cyan (93%)
- Magenta (87%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1121BD 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 1121BD by changing the saturation by 10% instead.

■ 1121BD

■ 1121BD

FFFFFF

■ 0007A1

■ 6851F7

■ 000086

■ 886BFF

■ 00006C

■ A785FF

■ 000B52

■ C59FFF

■ 00053A

■ E4BBFF

■ 000224

■ FFD7FF

■ 00000B

■ FFF4FF

■ 000000

■ 1121BD

■ 1121BD

0012BD

2432BD

3743BD

4A54BD

5D66BD

7077BD

8288BD

9599BD

A8AABD

BBBBBD

Harmonies

Analogous

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



004AD7



1121BD



940081

Triad

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



1121BD



7D1500



005546

Complementary

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



1121BD



BDAD11

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.



005200



1121BD



464000

Square

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



1121BD



A40000



004E00



005790

Rectangle

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



1121BD



AC0052



004E00



00542C

Sweetspot

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



1121BD



B3B9F5



11BDAC



53577A



FAFAFA



7A7A7A

Same Dimension

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



1121BD



0017F5



5611BD



55565E



000F9E



00031F

Inverse Universe

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



BD1121



F50017



78BD11



5E5556



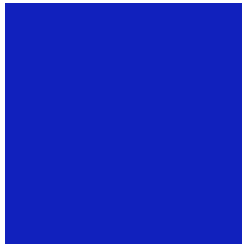
9E000F



1F0003

Previews

White Background



This preview shows how the Hex color 1121BD looks on a white background.

Color Contrast Check

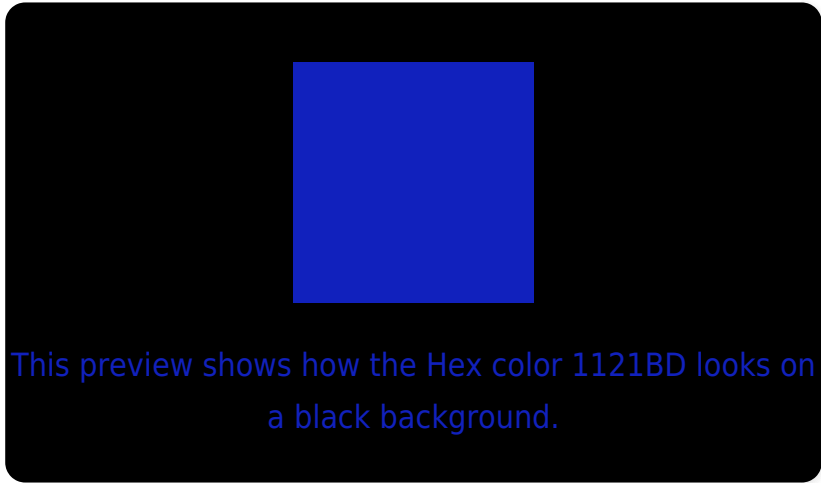
Large Text (above 18pt) WCAG AA ✓ Pass

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

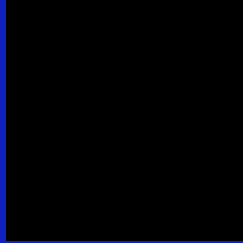
Any Text WCAG AA × Fail

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 1121BD Background



This preview shows how black text looks on a background with the Hex color 1121BD.



This preview shows how white text looks on a background with the Hex color 1121BD.

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
1121BD

Protanopia
003D7F

Deuteranopia
00416C

Trichromacy



Original Color
1121BD

Protanomaly
063396

Deuteranomaly
063589

Tritanomaly
063973

Monochromacy



Original Color
1121BD

Achromatopsia
2E2E2E

Achromatomaly
232962

CSS Examples

Text

The CSS property to change the color of the text to Hex 1121BD 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 #1121BD looks like.

```
.text, #text, p{  
    color:#1121BD  
}
```

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 #1121BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1121BD }  
}
```

Border

The CSS property to change the border of an element to Hex 1121BD 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 #1121BD }  
}
```

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

```
.border{ border-color:#1121BD }
```

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

Here you see how a box with a 4 pixel #1121BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1121BD; -webkit-box-shadow:4px 4px  
4px 4px #1121BD; box-shadow:4px 4px 4px  
4px #1121BD }
```

Background

The CSS property to change the background color of an element to Hex 1121BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1121BD }
```

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

```
.background{ background-color:#1121BD }
```

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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