

# Converting Colors

Hex(122BED)

Have a look what the booklet for  
Hex(122BED) contains.

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# Color

Hex(122BED)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	122BED
RGB	18, 43, 237
RGB Percent	7%, 17%, 93%
CMY	0.9294, 0.8314, 0.0706
CMYK	0.92, 0.82, 0.00, 0.07
HSL	233°, 86%, 50%
HSV	233°, 92%, 93%
XYZ	16.3994, 7.9708, 80.7949
YIQ	57.6410, -77.1740, 55.0340

# Conversions

## Conversions Part 2

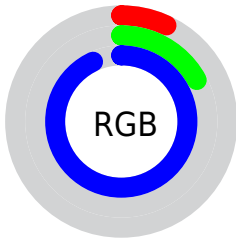
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 40, 237
Decimal	1190893
CIE <sub>Lab</sub>	33.92, 63.17, -94.99
CIE <sub>LCh</sub>	34, 114.083, 303.625
Yxy	7.9708, 0.1559, 0.0758
Android (android.graphics.Color)	4279380973 (0xFF122BED)
YUV	57.6410, 88.4240, -34.7652
Hunter-Lab	28.2326, 54.2779, -149.9112

# Details

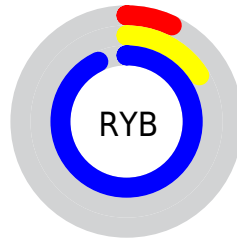
The Hex color **122BED** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EDD412**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **755DFF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **001BED**, and if you desaturate by 10%, it is **2A40ED**.

# Distribution



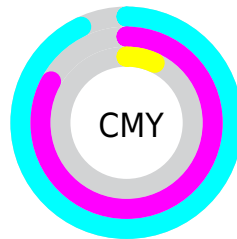
- Red (7%)
- Green (17%)
- Blue (93%)



- Red (7%)
- Yellow (16%)
- Blue (93%)



- Cyan (92%)
- Magenta (82%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (83%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 122BED 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 122BED by changing the saturation by 10% instead.



 122BED

 122BED

FFFFFF

 0010D0

 755DFF

 0000B3

 9777FF

 000098

 B892FF

 00007C

 D8ADFF

 000F62

 F9C9FF

 000949

 FFE6FF

 000432

 00011C

 000000

■ 122BED

■ 122BED

■ 001BED

■ 2A40ED

■ 4155ED

■ 596AED

■ 717FED

■ 8894ED

■ A0A9ED

■ B8BEED

■ D0D3ED

■ E7E8ED

# Harmonies

## Analogous

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



005FFF



122BED



BA00A3

# Triad

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



122BED



9E1B00



006B59

# Complementary

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



122BED



EDD412

# 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.



006800



122BED



595100

# Square

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



122BED



CD0000



006300



006EB5

# Rectangle

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



122BED



D80068



006300



006A39



# Sweetspot

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



122BED



B8C0FF



12EDD3



545980



000000



808080



# Same Dimension

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



122BED



001DFF



6612ED



6A6B75



0015B5



000636



# Inverse Universe

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



ED122B



FF001D



99ED12



756A6B



B50015

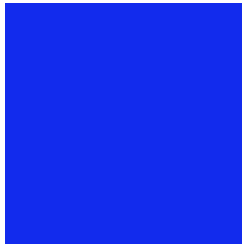


360006



# Previews

## White Background



This preview shows how the Hex color 122BED looks on a white background.

## Color Contrast Check

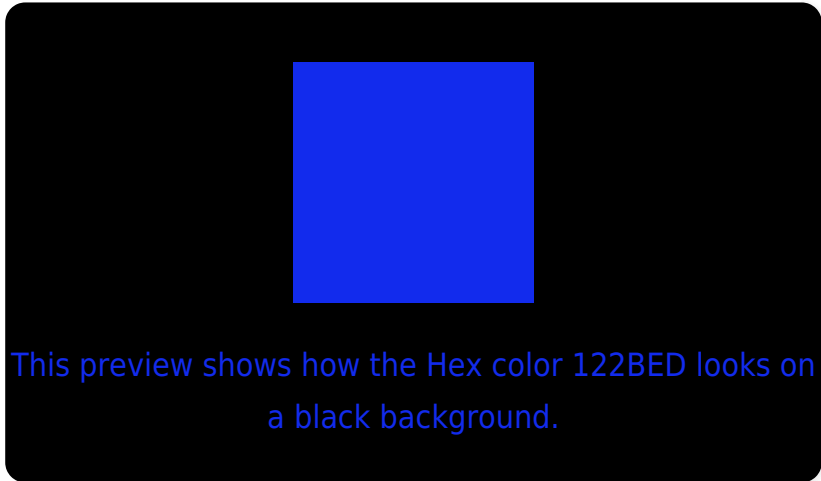
Large Text (above 18pt) WCAG AA ✓ Pass

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 122BED Background



This preview shows how black text looks on a background with the Hex color 122BED.



This preview shows how white text looks on a background with the Hex color 122BED.

# 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



# Trichromacy



**Original Color**  
122BED

**Deuteranomaly**  
0744AD

**Tritanomaly**  
074891

# Monochromacy



**Original Color**  
122BED

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
2B357B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 122BED 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 #122BED looks like.

```
.text, #text, p{  
    color:#122BED  
}
```

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 #122BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122BED
}
```

## Border

The CSS property to change the border of an element to Hex 122BED 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
#122BED }
```

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

```
.border{ border-color:#122BED }
```

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

Here you see how a box with a 4 pixel #122BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122BED; -webkit-box-shadow:4px 4px  
4px 4px #122BED; box-shadow:4px 4px 4px  
4px #122BED }
```

# Background

The CSS property to change the background color of an element to Hex 122BED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122BED }
```

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

```
.background{ background-color:#122BED }
```

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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