

Converting Colors

Hex(103BEF)

Have a look what the booklet for
Hex(103BEF) contains.

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Color

Hex(103BEF)

Conversions

Conversions Part 1

Format	Color
Hex	103BEF
RGB	16, 59, 239
RGB Percent	6%, 23%, 94%
CMY	0.9373, 0.7686, 0.0627
CMYK	0.93, 0.75, 0.00, 0.06
HSL	228°, 87%, 50%
HSV	228°, 93%, 94%
XYZ	17.3576, 9.4701, 82.5744
YIQ	66.6630, -83.4080, 46.8640

Conversions

Conversions Part 2

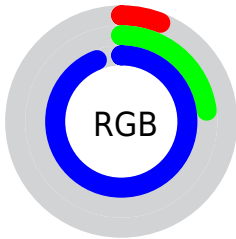
Format	Color
R _Y B	16, 52, 239
Decimal	1063919
CIE Lab	36.87, 55.77, -91.22
CIE LCh	37, 106.921, 301.439
Yxy	9.4701, 0.1587, 0.0866
Android (android.graphics.Color)	4279253999 (0xFF103BEF)
YUV	66.6630, 84.9621, -44.4315
Hunter-Lab	30.7735, 46.8284, -137.5512

Details

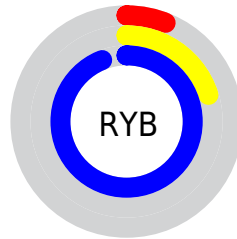
The Hex color **103BEF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EFC410**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **746CFF**, and **000EB5** is the 20% darker color. If you saturate the color by 10%, you get **002EEF**, and if you desaturate by 10%, it is **284EEF**.

Distribution



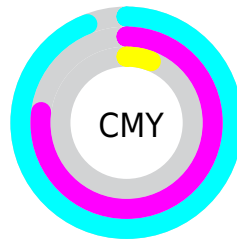
- Red (6%)
- Green (23%)
- Blue (94%)



- Red (6%)
- Yellow (20%)
- Blue (94%)



- Cyan (93%)
- Magenta (75%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (77%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103BEF 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 103BEF by changing the saturation by 10% instead.

 103BEF

 103BEF

FFFFFF

 0024D2

 746CFF

 000EB5

 9686FF

 00009A

 B7A0FF

 00007F

 D7BCFF

 001064

 F7D8FF

 00094B

 FFF4FF

 000434

 00021E

 000000

■ 103BEF

■ 103BEF

■ 002EEF

■ 284EEF

■ 4062EF

■ 5875EF

■ 7088EF

■ 879BEF

■ 9FAFEF

■ B7C2EF

■ CFD5EF

■ E7E9EF

Harmonies

Analogous

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



0065FF



103BEF



B800AB

Triad

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



103BEF



A82400



007259

Complementary

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



103BEF



EFC410

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.



006F00



103BEF



675600

Square

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



103BEF



D30001



006900



0075B1

Rectangle

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



103BEF



D80073



006900



00713A

Sweetspot

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



103BEF



B8C5FF



10EFC2



545D80



000000



808080

Same Dimension

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



103BEF



0031FF



5310EF



6C6E78



0023B8



000B38

Inverse Universe

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



EF103B



FF0031



ACEF10



786C6E



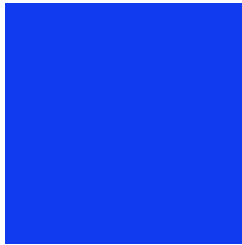
B80023



38000B

Previews

White Background



This preview shows how the Hex color 103BEF looks on a white background.

Color Contrast Check

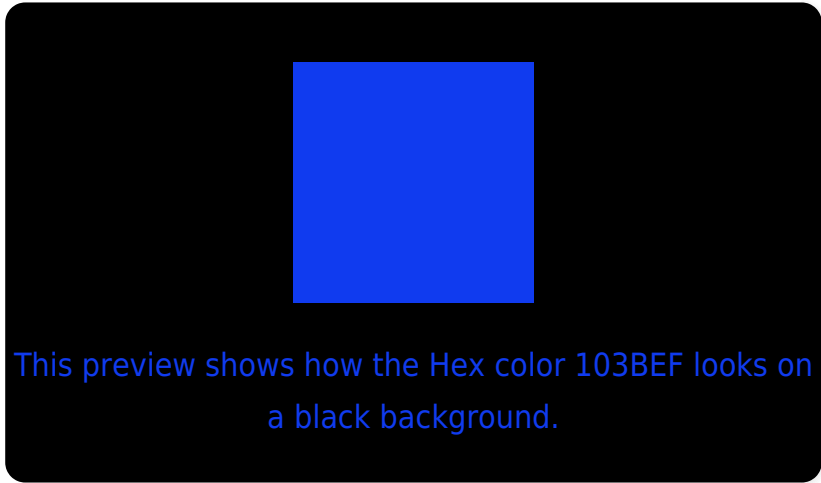
Large Text (above 18pt) WCAG AA ✓ Pass

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

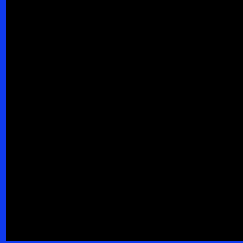
Any Text WCAG AA × Fail

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 103BEF Background



This preview shows how black text looks on a background with the Hex color 103BEF.

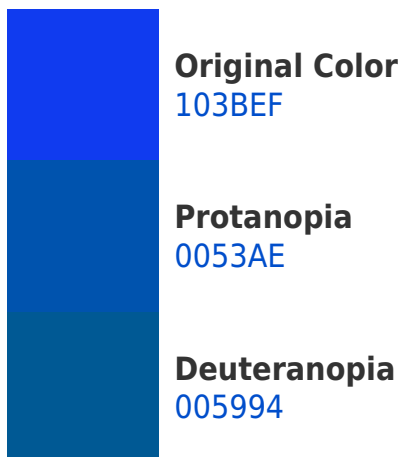


This preview shows how white text looks on a background with the Hex color 103BEF.

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
103BEF

Protanomaly
064AC6

Deuteranomaly
064EB5

Monochromacy



Original Color
103BEF

Achromatopsia
434343

Achromatomaly
304082

CSS Examples

Text

The CSS property to change the color of the text to Hex 103BEF 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 #103BEF looks like.

```
.text, #text, p{  
    color:#103BEF  
}
```

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 #103BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103BEF
}
```

Border

The CSS property to change the border of an element to Hex 103BEF 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
#103BEF }
```

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

```
.border{ border-color:#103BEF }
```

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

Here you see how a box with a 4 pixel #103BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103BEF; -webkit-box-shadow:4px 4px  
4px 4px #103BEF; box-shadow:4px 4px 4px  
4px #103BEF }
```

Background

The CSS property to change the background color of an element to Hex 103BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103BEF }
```

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

```
.background{ background-color:#103BEF }
```

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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