

Converting Colors

Hex(103EC2)

Have a look what the booklet for
Hex(103EC2) contains.

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Color

Hex(103EC2)

Conversions

Conversions Part 1

Format	Color
Hex	103EC2
RGB	16, 62, 194
RGB Percent	6%, 24%, 76%
CMY	0.9373, 0.7569, 0.2392
CMYK	0.92, 0.68, 0.00, 0.24
HSL	224°, 85%, 41%
HSV	224°, 92%, 76%
XYZ	11.6739, 7.4504, 51.8617
YIQ	63.2940, -69.7880, 31.3000

Conversions

Conversions Part 2

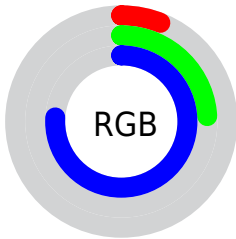
Format	Color
RYB	16, 53, 194
Decimal	1064642
CIELab	32.81, 38.15, -72.03
CIElCh	33, 81.512, 297.904
Yxy	7.4504, 0.1645, 0.1050
Android (android.graphics.Color)	4279254722 (0xFF103EC2)
YUV	63.2940, 64.4381, -41.4768
Hunter-Lab	27.2955, 28.5748, -93.5447

Details

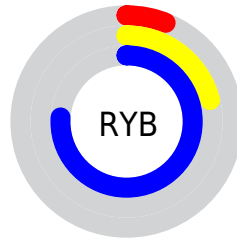
The Hex color **103EC2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C29410**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **666DFC**, and **00158B** is the 20% darker color. If you saturate the color by 10%, you get **0032C2**, and if you desaturate by 10%, it is **234CC2**.

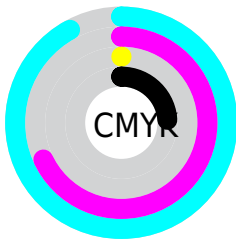
Distribution



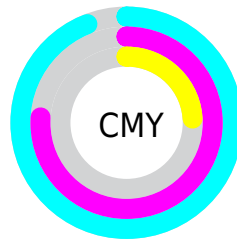
- Red (6%)
- Green (24%)
- Blue (76%)



- Red (6%)
- Yellow (21%)
- Blue (76%)



- Cyan (92%)
- Magenta (68%)
- Yellow (0%)
- Black (24%)



- Cyan (94%)
- Magenta (76%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103EC2 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 103EC2 by changing the saturation by 10% instead.

■ 103EC2

■ 103EC2

FFFFFF

■ 0028A6

■ 666DFC

■ 00158B

■ 8687FF

■ 000071

■ A4A1FF

■ 000757

■ C3BCFF

■ 00063F

■ E2D8FF

■ 000328

■ FFF4FF

■ 000112

■ 000000

■ 103EC2

■ 103EC2

■ 0032C2

■ 234CC2

■ 375BC2

■ 4A69C2

■ 5E78C2

■ 7186C2

■ 8494C2

■ 98A3C2

■ ABB1C2

■ BFBFC2

Harmonies

Analogous

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



0059D2



103EC2



910093

Triad

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



103EC2



922600



006447

Complementary

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



103EC2



C29410

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.



006100



103EC2



634A00

Square

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



103EC2



B00017



1C5A00



006589

Rectangle

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



103EC2



AD006A



1C5A00



006330

Sweetspot

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



103EC2



B6C8FC



10C293



545F80



000000



808080

Same Dimension

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



103EC2



0041FC



3A10C2



575A61



002AA1



000921

Inverse Universe

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



C2103E



FC0041



98C210



61575A



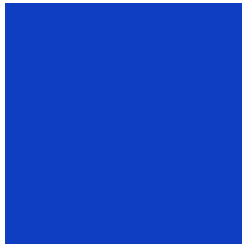
A1002A



210009

Previews

White Background



This preview shows how the Hex color 103EC2 looks on a white background.

Color Contrast Check

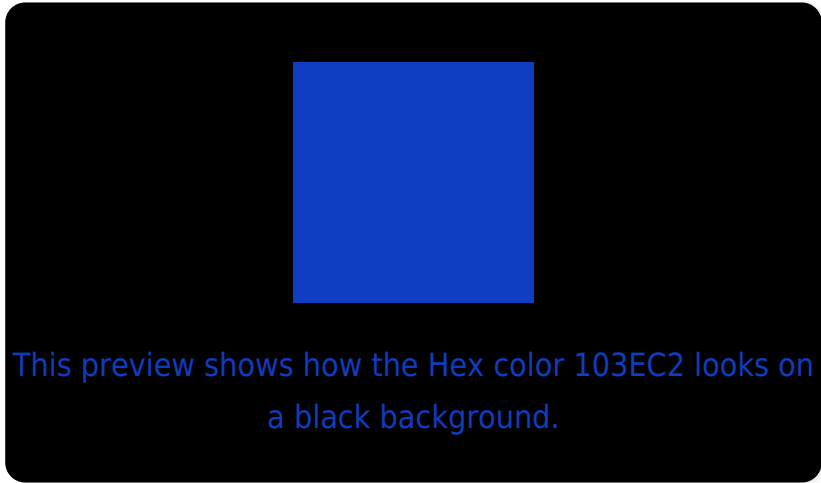
Large Text (above 18pt) WCAG AA ✓ Pass

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

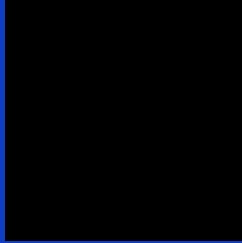
Any Text WCAG AA × Fail

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 103EC2 Background



This preview shows how black text looks on a background with the Hex color 103EC2.

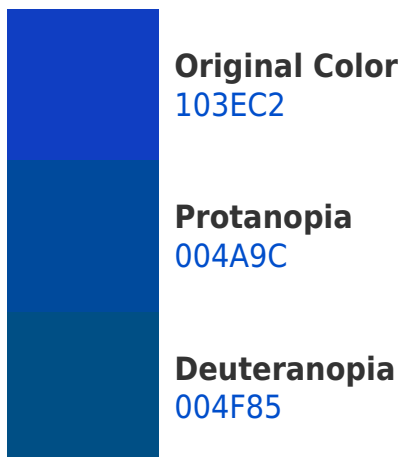



This preview shows how white text looks on a background with the Hex color 103EC2.

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





Tritanopia
00555A

Trichromacy



Original Color
103EC2

Protanomaly
0646AA

Deuteranomaly
06499B

Tritanomaly
064D80

Monochromacy



Original Color
103EC2

Achromatopsia
3F3F3F

Achromatomaly
2E3F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 103EC2 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 #103EC2 looks like.

```
.text, #text, p{  
    color:#103EC2  
}
```

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 #103EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103EC2
}
```

Border

The CSS property to change the border of an element to Hex 103EC2 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
#103EC2 }
```

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

```
.border{ border-color:#103EC2 }
```

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

Here you see how a box with a 4 pixel #103EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103EC2; -webkit-box-shadow:4px 4px  
4px 4px #103EC2; box-shadow:4px 4px 4px  
4px #103EC2 }
```

Background

The CSS property to change the background color of an element to Hex 103EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103EC2 }
```

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

```
.background{ background-color:#103EC2 }
```

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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