

Converting Colors

Hex(0B3EC6)

Have a look what the booklet for
Hex(0B3EC6) contains.

Hex(0B3EC6)	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(0B3EC6)

Conversions

Conversions Part 1

Format	Color
Hex	0B3EC6
RGB	11, 62, 198
RGB Percent	4%, 24%, 78%
CMY	0.9569, 0.7569, 0.2235
CMYK	0.94, 0.69, 0.00, 0.22
HSL	224°, 89%, 41%
HSV	224°, 94%, 78%
XYZ	12.0537, 7.5936, 54.2565
YIQ	62.2550, -74.0520, 31.4840

Conversions

Conversions Part 2

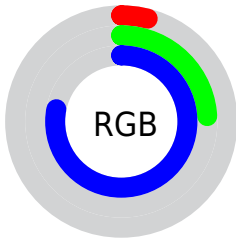
Format	Color
R_{YB}	11, 51, 198
Decimal	736966
CIE _{Lab}	33.12, 39.47, -73.87
CIE _{LCh}	33, 83.753, 298.120
Yxy	7.5936, 0.1631, 0.1027
Android (android.graphics.Color)	4278927046 (0xFF0B3EC6)
YUV	62.2550, 66.9223, -44.9506
Hunter-Lab	27.5565, 29.8550, -97.4476

Details

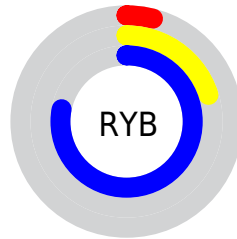
The Hex color **0B3EC6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C6930B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **666EFF**, and **00158F** is the 20% darker color. If you saturate the color by 10%, you get **0036C6**, and if you desaturate by 10%, it is **1F4CC6**.

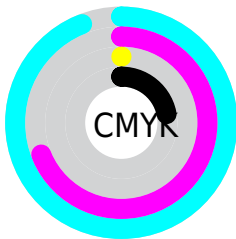
Distribution



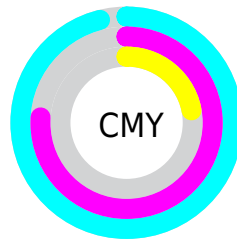
- Red (4%)
- Green (24%)
- Blue (78%)



- Red (4%)
- Yellow (20%)
- Blue (78%)



- Cyan (94%)
- Magenta (69%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (76%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3EC6 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 0B3EC6 by changing the saturation by 10% instead.

■ 0B3EC6

■ 0B3EC6

FFFFFF

■ 0028AA

■ 666EFF

■ 00158F

■ 8687FF

■ 000074

■ A5A1FF

■ 00065B

■ C4BCFF

■ 000742

■ E3D8FF

■ 00032B

■ FFF5FF

■ 000115

■ 000000

■ 0B3EC6

■ 0B3EC6

■ 0036C6

■ 1F4CC6

■ 335BC6

■ 4669C6

■ 5A78C6

■ 6E86C6

■ 8294C6

■ 96A3C6

■ A9B1C6

■ BDC0C6

Harmonies

Analogous

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



005AD6



0B3EC6



940095

Triad

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



0B3EC6



942500



006548

Complementary

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



0B3EC6



C6930B

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.



006200



0B3EC6



644B00

Square

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



0B3EC6



B30015



185B00



00668C

Rectangle

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



0B3EC6



B0006B



185B00



006430

Sweetspot

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



0B3EC6



B8CBFF



0BC691



546080



000000



808080

Same Dimension

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



0B3EC6



0046FF



340BC6



5A5C63



002DA3



000A24

Inverse Universe

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



C60B3E



FF0046



9DC60B



635A5C



A3002D



24000A

Previews

White Background



This preview shows how the Hex color 0B3EC6 looks on a white background.

Color Contrast Check

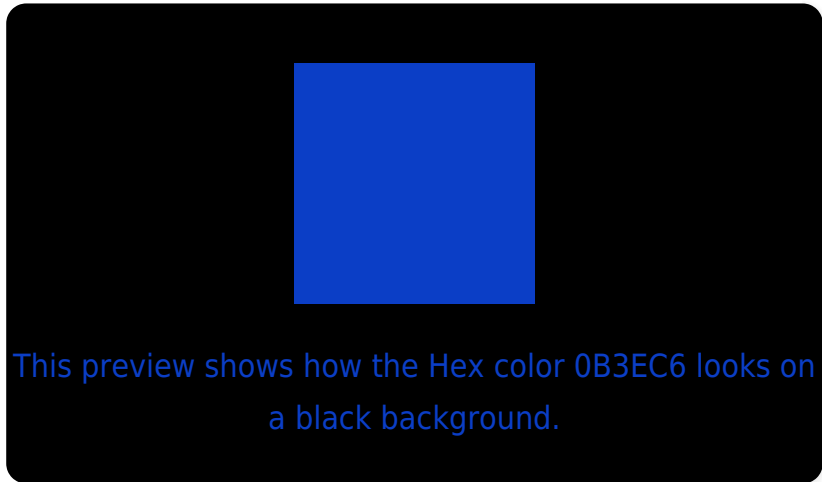
Large Text (above 18pt) WCAG AA ✓ Pass

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

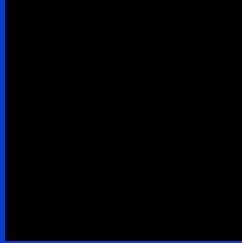
Any Text WCAG AA × Fail

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 0B3EC6 Background



This preview shows how black text looks on a background with the Hex color 0B3EC6.



This preview shows how white text looks on a background with the Hex color 0B3EC6.

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
00565B

Trichromacy



Original Color
0B3EC6

Protanomaly
0446AD

Deuteranomaly
04499E

Tritanomaly
044D82

Monochromacy



Original Color
0B3EC6

Achromatopsia
3E3E3E

Achromatomaly
2B3E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3EC6 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 #0B3EC6 looks like.

```
.text, #text, p{  
    color:#0B3EC6  
}
```

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 #0B3EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3EC6
}
```

Border

The CSS property to change the border of an element to Hex 0B3EC6 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
#0B3EC6 }
```

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

```
.border{ border-color:#0B3EC6 }
```

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

Here you see how a box with a 4 pixel #0B3EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3EC6; -webkit-box-shadow:4px 4px  
4px 4px #0B3EC6; box-shadow:4px 4px 4px  
4px #0B3EC6 }
```

Background

The CSS property to change the background color of an element to Hex 0B3EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3EC6 }
```

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

```
.background{ background-color:#0B3EC6 }
```

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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