

Converting Colors

Hex(0E84B2)

Have a look what the booklet for
Hex(0E84B2) contains.

Hex(0E84B2)	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(0E84B2)

Conversions

Conversions Part 1

Format	Color
Hex	0E84B2
RGB	14, 132, 178
RGB Percent	5%, 52%, 70%
CMY	0.9451, 0.4824, 0.3020
CMYK	0.92, 0.26, 0.00, 0.30
HSL	197°, 85%, 38%
HSV	197°, 92%, 70%
XYZ	16.4682, 19.8102, 45.0753
YIQ	101.9620, -85.0940, -10.7100

Conversions

Conversions Part 2

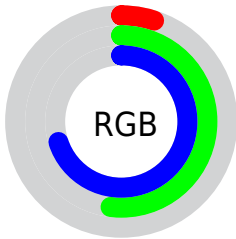
Format	Color
R_{YB}	14, 83, 178
Decimal	951474
CIE _{Lab}	51.62, -12.73, -32.47
CIE _{LCh}	52, 34.875, 248.592
Yxy	19.8102, 0.2024, 0.2435
Android (android.graphics.Color)	4279141554 (0xFF0E84B2)
YUV	101.9620, 37.4867, -77.1427
Hunter-Lab	44.5087, -11.8451, -28.8886

Details

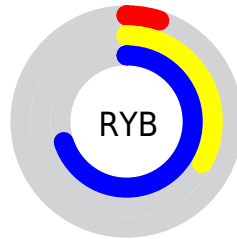
The Hex color **0E84B2** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B23C0E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FB9EA**, and **00537D** is the 20% darker color. If you saturate the color by 10%, you get **0080B2**, and if you desaturate by 10%, it is **2089B2**.

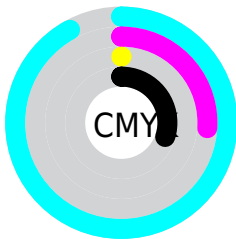
Distribution



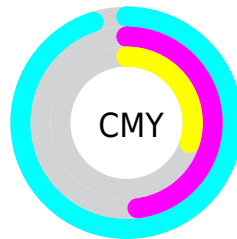
- Red (5%)
- Green (52%)
- Blue (70%)



- Red (5%)
- Yellow (33%)
- Blue (70%)



- Cyan (92%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (95%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E84B2 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 0E84B2 by changing the saturation by 10% instead.

 0E84B2

 0E84B2

FFFFFF

 006B97

 5FB9EA

 00537D

 7ED5FF

 003C64

 9CF1FF

 00264C

 BAF7FF

 000F35

 D8F7FF

 00021F

 F6F7FF

 000002

 000000

 0E84B2

 0E84B2

■ 0080B2

■ 2089B2

■ 328EB2

■ 4393B2

■ 5598B2

■ 679DB2

■ 79A2B2

■ 8BA7B2

■ 9CACB2

■ AEB1B2

Harmonies

Analogous

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



00899F



0E84B2



5B7BB6

Triad

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



0E84B2



B46373



65844B

Complementary

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



0E84B2



B23C0E

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.



857C3F



0E84B2



B06857

Square

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



0E84B2



A76691



9F7244



3E8964

Rectangle

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



0E84B2



7C74AF



9F7244



718245

Sweetspot

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



0E84B2



A7D6E8



0EB23A



4D6A75



F5F5F5



757575

Same Dimension

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



0E84B2



00A7E8



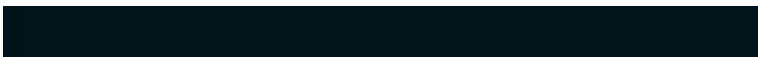
0E34B2



505759



006E99



00121A

Inverse Universe

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



B20E84



E800A7



B28C0E



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color 0E84B2 looks on a white background.

Color Contrast Check

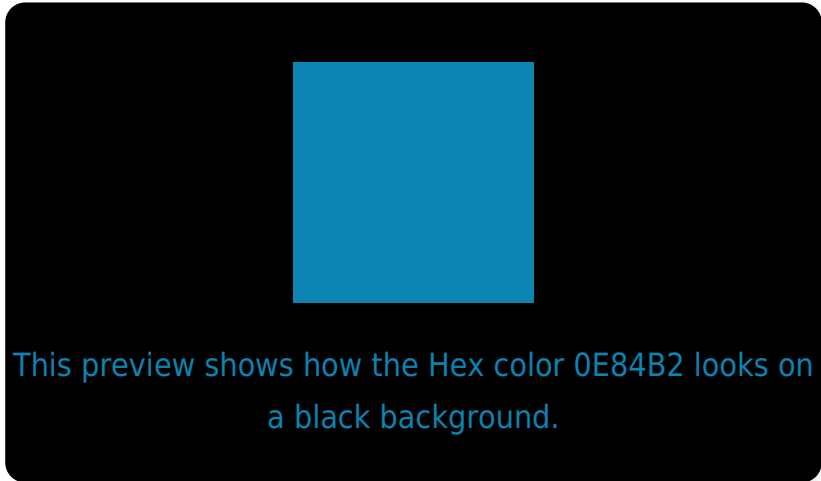
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

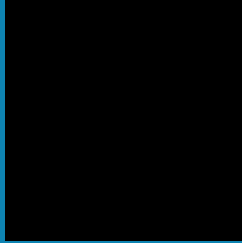
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0E84B2 Background



This preview shows how black text looks on a background with the Hex color 0E84B2.

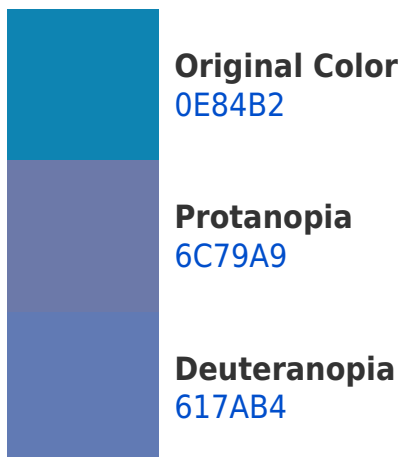


This preview shows how white text looks on a background with the Hex color 0E84B2.

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
008892

Trichromacy



Original Color
0E84B2

Protanomaly
4A7DAC

Deuteranomaly
437EB3

Tritanomaly
05879E

Monochromacy



Original Color
0E84B2

Achromatopsia
666666

Achromatomaly
467182

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E84B2 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 #0E84B2 looks like.

```
.text, #text, p{  
    color:#0E84B2  
}
```

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 #0E84B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E84B2
}
```

Border

The CSS property to change the border of an element to Hex 0E84B2 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
#0E84B2 }
```

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

```
.border{ border-color:#0E84B2 }
```

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

Here you see how a box with a 4 pixel #0E84B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E84B2; -webkit-box-shadow:4px 4px  
4px 4px #0E84B2; box-shadow:4px 4px 4px  
4px #0E84B2 }
```

Background

The CSS property to change the background color of an element to Hex 0E84B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E84B2 }
```

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

```
.background{ background-color:#0E84B2 }
```

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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