

Converting Colors

Hex(0840B4)

Have a look what the booklet for
Hex(0840B4) contains.

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Color

Hex(0840B4)

Conversions

Conversions Part 1

Format	Color
Hex	0840B4
RGB	8, 64, 180
RGB Percent	3%, 25%, 71%
CMY	0.9686, 0.7490, 0.2941
CMYK	0.96, 0.64, 0.00, 0.29
HSL	220°, 91%, 37%
HSV	220°, 96%, 71%
XYZ	10.1718, 7.0137, 43.9977
YIQ	60.4800, -70.6120, 24.2040

Conversions

Conversions Part 2

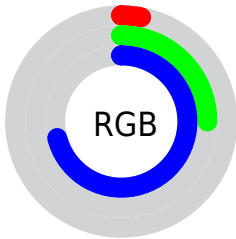
Format	Color
RYB	8, 50, 180
Decimal	540852
CIELab	31.84, 31.19, -65.38
CIELCh	32, 72.439, 295.502
Yxy	7.0137, 0.1663, 0.1146
Android (android.graphics.Color)	4278730932 (0xFF0840B4)
YUV	60.4800, 58.9234, -46.0250
Hunter-Lab	26.4834, 22.2124, -79.9619

Details

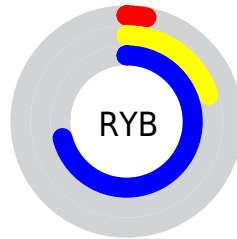
The Hex color **0840B4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B47C08**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **606FED**, and **00177E** is the 20% darker color. If you saturate the color by 10%, you get **003BB4**, and if you desaturate by 10%, it is **1A4CB4**.

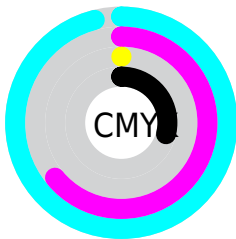
Distribution



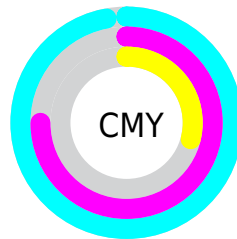
- Red (3%)
- Green (25%)
- Blue (71%)



- Red (3%)
- Yellow (20%)
- Blue (71%)



- Cyan (96%)
- Magenta (64%)
- Yellow (0%)
- Black (29%)



- Cyan (97%)
- Magenta (75%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0840B4 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 0840B4 by changing the saturation by 10% instead.

 0840B4

 0840B4

FFFFFF

 002B99

 606FED

 00177E

 7F89FF

 000064

 9DA3FF

 00094B

 BBBEFF

 000433

 D9DAFF

 00021D

 F8F6FF

 000000

 0840B4

 0840B4

 003BB4

 1A4CB4

 2C58B4

 3E64B4

 5071B4

 627DB4

 7489B4

 8695B4

 98A1B4

 AAADB4

Harmonies

Analogous

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



0056BF



0840B4



830C8D

Triad

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



0840B4



8D2700



006040

Complementary

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



0840B4



B47C08

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.



005D00



0840B4



644600

Square

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



0840B4



A5001F



2B5600



00617B

Rectangle

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



0840B4



9E0069



2B5600



005F2C

Sweetspot

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



0840B4



A7BDEB



08B47B



4C5A75



F5F5F5



757575

Same Dimension

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



0840B4



004CEB



2508B4



505359



003299



00081A

Inverse Universe

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



B40840



EB004C



97B408



595053



990032



1A0008

Previews

White Background



This preview shows how the Hex color 0840B4 looks on a white background.

Color Contrast Check

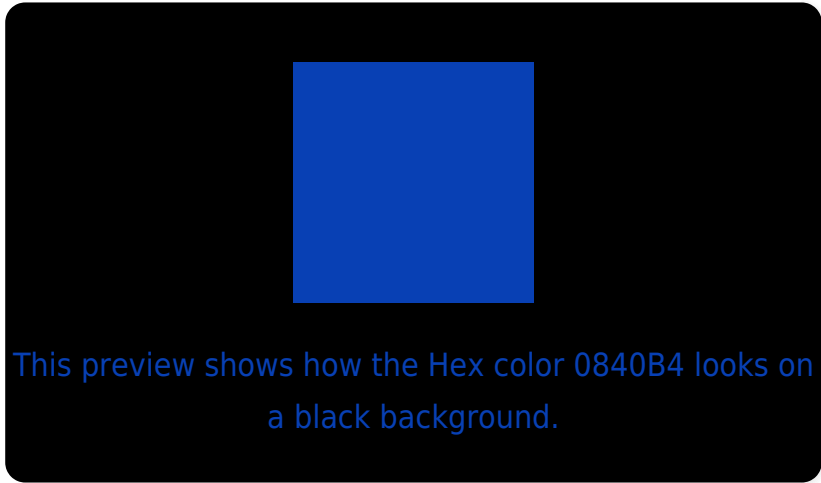
Large Text (above 18pt) WCAG AA ✓ Pass

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

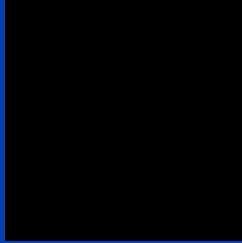
Any Text WCAG AA × Fail

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 0840B4 Background



This preview shows how black text looks on a background with the Hex color 0840B4.



This preview shows how white text looks on a background with the Hex color 0840B4.

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



Original Color
0840B4

Protanopia
004899

Deuteranopia
004D82

Trichromacy



Original Color
0840B4

Protanomaly
0345A3

Deuteranomaly
034894

Tritanomaly
034C79

Monochromacy



Original Color
0840B4

Achromatopsia
3C3C3C

Achromatomaly
293D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 0840B4 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 #0840B4 looks like.

```
.text, #text, p{  
    color:#0840B4  
}
```

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 #0840B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0840B4
}
```

Border

The CSS property to change the border of an element to Hex 0840B4 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
#0840B4 }
```

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

```
.border{ border-color:#0840B4 }
```

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

Here you see how a box with a 4 pixel #0840B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0840B4; -webkit-box-shadow:4px 4px  
4px 4px #0840B4; box-shadow:4px 4px 4px  
4px #0840B4 }
```

Background

The CSS property to change the background color of an element to Hex 0840B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0840B4 }
```

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

```
.background{ background-color:#0840B4 }
```

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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