

# Converting Colors

Hex(0A41B8)

Have a look what the booklet for  
Hex(0A41B8) contains.

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# Color

**Hex(0A41B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A41B8
RGB	10, 65, 184
RGB Percent	4%, 25%, 72%
CMY	0.9608, 0.7451, 0.2784
CMYK	0.95, 0.65, 0.00, 0.28
HSL	221°, 90%, 38%
HSV	221°, 95%, 72%
XYZ	10.6672, 7.3058, 46.1953
YIQ	62.1210, -70.9790, 25.3490

# Conversions

## Conversions Part 2

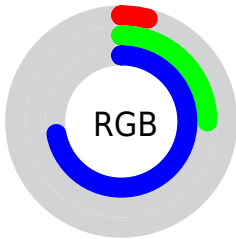
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 52, 184
Decimal	672184
CIELab	32.49, 32.16, -66.67
CIElCh	32, 74.024, 295.748
Yxy	7.3058, 0.1662, 0.1139
Android (android.graphics.Color)	4278862264 (0xFF0A41B8)
YUV	62.1210, 60.0863, -45.7101
Hunter-Lab	27.0293, 23.1445, -82.4112

# Details

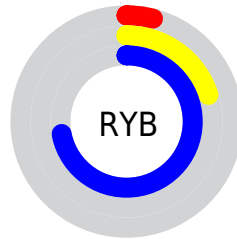
The Hex color **0A41B8** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B8810A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6170F1**, and **001882** is the 20% darker color. If you saturate the color by 10%, you get **003AB8**, and if you desaturate by 10%, it is **1C4EB8**.

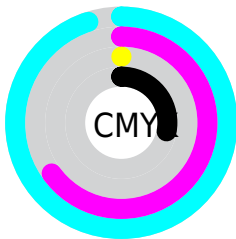
# Distribution



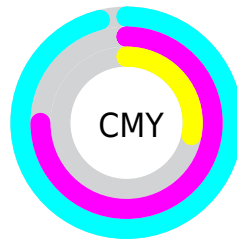
- Red (4%)
- Green (25%)
- Blue (72%)



- Red (4%)
- Yellow (20%)
- Blue (72%)



- Cyan (95%)
- Magenta (65%)
- Yellow (0%)
- Black (28%)



- Cyan (96%)
- Magenta (75%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A41B8 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 0A41B8 by changing the saturation by 10% instead.



■ 0A41B8

■ 0A41B8

FFFFFF

■ 002B9C

■ 6170F1

■ 001882

■ 808AFF

■ 000168

■ 9FA4FF

■ 000A4F

■ BDBFFF

■ 000537

■ DBDBFF

■ 000220

■ FAF7FF

■ 000005

■ 000000

■ 0A41B8

■ 0A41B8

■ 003AB8

■ 1C4EB8

■ 2F5AB8

■ 4167B8

■ 5473B8

■ 6680B8

■ 788DB8

■ 8B99B8

■ 9DA6B8

■ B0B2B8

# Harmonies

## Analogous

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



0058C4



0A41B8



87098F

# Triad

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



0A41B8



8F2800



006242

# Complementary

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



0A41B8



B8810A

# 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.



005F00



0A41B8



654800

# Square

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



0A41B8



A9001F



2B5700



00637E

# Rectangle

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



0A41B8



A2006B



2B5700



00612D



# Sweetspot

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



0A41B8



ADC2F0



0AB881



4F5C78



F7F7F7



787878



# Same Dimension

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



0A41B8



004CF0



2A0AB8



53565C



00319C



00091C



# Inverse Universe

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



B80A41



F0004C



98B80A



5C5356



9C0031



1C0009



# Previews

## White Background



This preview shows how the Hex color 0A41B8 looks on a white background.

## Color Contrast Check

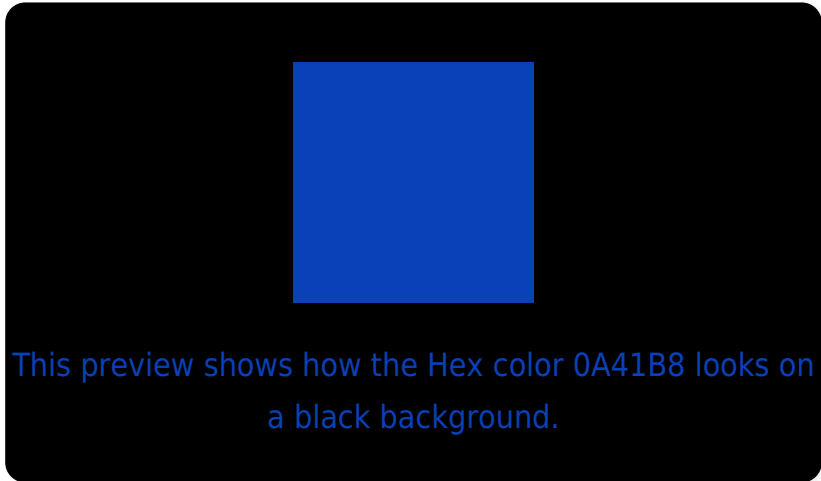
Large Text (above 18pt) WCAG AA ✓ Pass

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

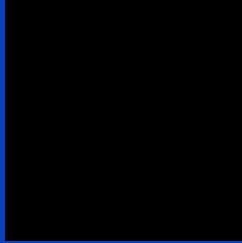
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A41B8 Background



This preview shows how black text looks on a background with the Hex color 0A41B8.



This preview shows how white text looks on a background with the Hex color 0A41B8.

# 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**  
0A41B8

**Protanopia**  
004A9B

**Deuteranopia**  
004F85



**Tritanopia**  
00555A

# Trichromacy



**Original Color**  
0A41B8

**Protanomaly**  
0447A6

**Deuteranomaly**  
044A98

**Tritanomaly**  
044E7C

# Monochromacy



**Original Color**  
0A41B8

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2B3F6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A41B8 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 #0A41B8 looks like.

```
.text, #text, p{  
    color:#0A41B8  
}
```

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 #0A41B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A41B8
}
```

## Border

The CSS property to change the border of an element to Hex 0A41B8 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
#0A41B8 }
```

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

```
.border{ border-color:#0A41B8 }
```

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

Here you see how a box with a 4 pixel #0A41B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A41B8; -webkit-box-shadow:4px 4px  
4px 4px #0A41B8; box-shadow:4px 4px 4px  
4px #0A41B8 }
```

# Background

The CSS property to change the background color of an element to Hex 0A41B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A41B8 }
```

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

```
.background{ background-color:#0A41B8 }
```

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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