

Converting Colors

Hex(1067B3)

Have a look what the booklet for
Hex(1067B3) contains.

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Color

Hex(1067B3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 1067B3 |
| RGB | 16, 103, 179 |
| RGB Percent | 6%, 40%, 70% |
| CMY | 0.9373, 0.5961, 0.2980 |
| CMYK | 0.91, 0.42, 0.00, 0.30 |
| HSL | 208°, 84%, 38% |
| HSV | 208°, 91%, 70% |
| XYZ | 13.2006, 13.0653, 44.4739 |
| YIQ | 85.6510, -76.2480, 5.1920 |

Conversions

Conversions Part 2

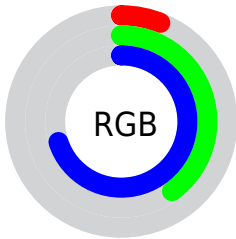
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 16, 73, 179 |
| Decimal | 1075123 |
| CIE _{Lab} | 42.86, 5.22, -46.91 |
| CIE _{LCh} | 43, 47.197, 276.350 |
| Yxy | 13.0653, 0.1866, 0.1847 |
| Android (android.graphics.Color) | 4279265203 (0xFF1067B3) |
| YUV | 85.6510, 46.0211, -61.0839 |
| Hunter-Lab | 36.1460, 1.9332, -47.6481 |

Details

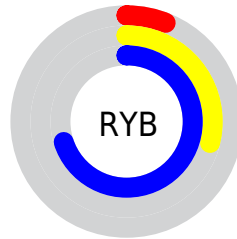
The Hex color **1067B3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B35C10**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5F9AEB**, and **00397E** is the 20% darker color. If you saturate the color by 10%, you get **0060B3**, and if you desaturate by 10%, it is **226FB3**.

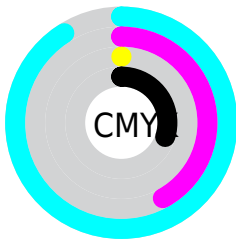
Distribution



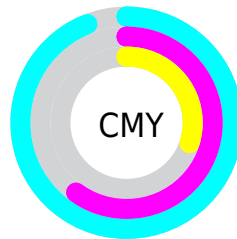
- Red (6%)
- Green (40%)
- Blue (70%)



- Red (6%)
- Yellow (29%)
- Blue (70%)



- Cyan (91%)
- Magenta (42%)
- Yellow (0%)
- Black (30%)



- Cyan (94%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1067B3 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 1067B3 by changing the saturation by 10% instead.

■ 1067B3

■ 1067B3

FFFFFF

■ 004F98

■ 5F9AEB

■ 00397E

■ 7EB4FF

■ 002464

■ 9BD0FF

■ 000F4C

■ B9ECFF

■ 000434

■ D7FFFF

■ 00021E

■ F5FFFF

■ 000000

■ 1067B3

■ 1067B3

■ 0060B3

■ 226FB3

 3478B3

 4680B3

 5888B3

 6A91B3

 7B99B3

 8DA1B3

 9FAAB3

 B1B2B3

Harmonies

Analogous

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



0072AC



1067B3



7157A4

Triad

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



1067B3



A74839



007644

Complementary

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



1067B3



B35C10

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.



487021



1067B3



91581A

Square

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



1067B3



AB3F5F



71660B



00786D

Rectangle

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



1067B3



904C91



71660B



1E7438

Sweetspot

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



1067B3



A9CBE8



10B359



506475



F5F5F5



757575

Same Dimension

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



1067B3



007CE8



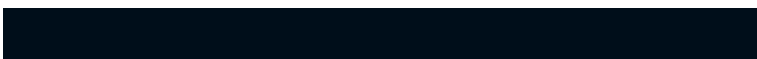
1018B3



505559



005299



000E1A

Inverse Universe

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



B31067



E8007C



B3AB10



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 1067B3 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 × Fail

Black Background



This preview shows how the Hex color 1067B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

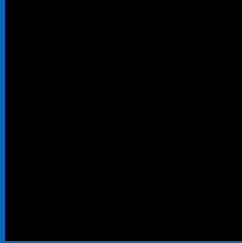
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1067B3 Background



This preview shows how black text looks on a background with the Hex color 1067B3.

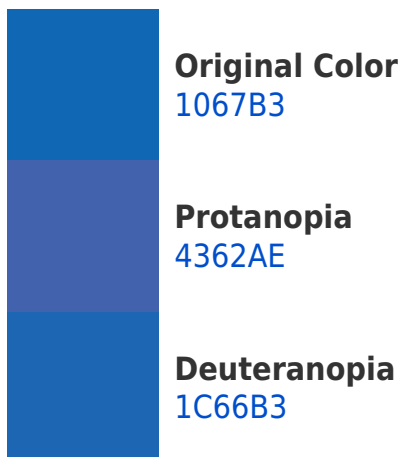


This preview shows how white text looks on a background with the Hex color 1067B3.

Color Blindness Simulation

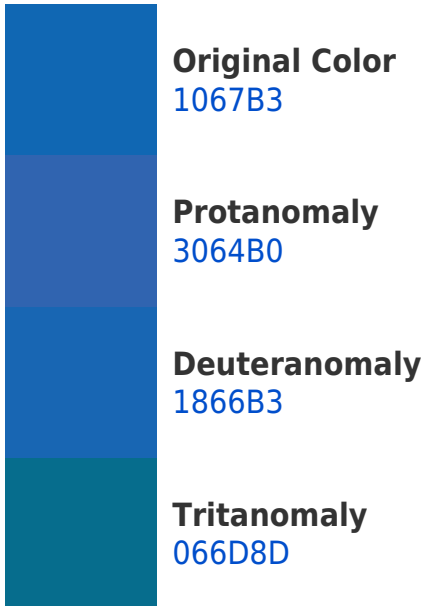
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

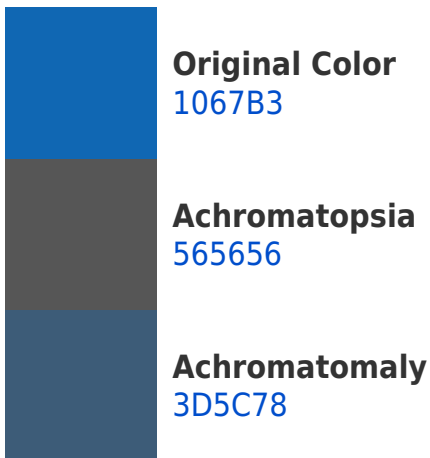




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1067B3 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 #1067B3 looks like.

```
.text, #text, p{  
    color:#1067B3  
}
```

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 #1067B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1067B3
}
```

Border

The CSS property to change the border of an element to Hex 1067B3 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
#1067B3 }
```

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

```
.border{ border-color:#1067B3 }
```

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

Here you see how a box with a 4 pixel #1067B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1067B3; -webkit-box-shadow:4px 4px  
4px 4px #1067B3; box-shadow:4px 4px 4px  
4px #1067B3 }
```

Background

The CSS property to change the background color of an element to Hex 1067B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1067B3 }
```

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

```
.background{ background-color:#1067B3 }
```

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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