

Converting Colors

Hex(0063B7)

Have a look what the booklet for
Hex(0063B7) contains.

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Color

Hex(0063B7)

Conversions

Conversions Part 1

Format	Color
Hex	0063B7
RGB	0, 99, 183
RGB Percent	0%, 39%, 72%
CMY	1.0000, 0.6118, 0.2824
CMYK	1.00, 0.46, 0.00, 0.28
HSL	208°, 100%, 36%
HSV	208°, 100%, 72%
XYZ	13.0091, 12.3426, 46.4964
YIQ	78.9750, -85.9680, 5.1360

Conversions

Conversions Part 2

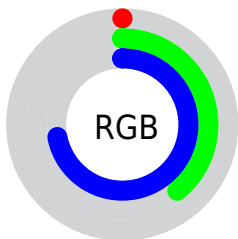
Format	Color
R_{YB}	0, 64, 183
Decimal	25527
CIE _{Lab}	41.76, 8.73, -51.03
CIE _{LCh}	42, 51.771, 279.707
Yxy	12.3426, 0.1811, 0.1718
Android (android.graphics.Color)	4278215607 (0xFF0063B7)
YUV	78.9750, 51.2843, -69.2611
Hunter-Lab	35.1320, 4.6160, -53.8766

Details

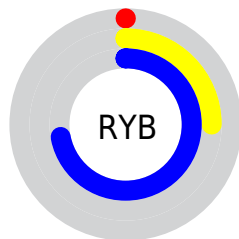
The Hex color **0063B7** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B75400**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5D95F0**, and **003681** is the 20% darker color. If you saturate the color by 10%, you get **0063B7**, and if you desaturate by 10%, it is **126BB7**.

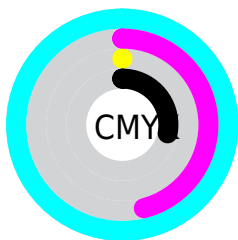
Distribution



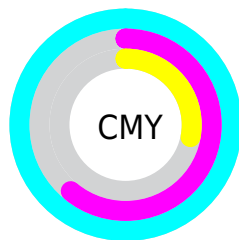
- Red (0%)
- Green (39%)
- Blue (72%)



- Red (0%)
- Yellow (25%)
- Blue (72%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0063B7 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 0063B7 by changing the saturation by 10% instead.

 0063B7

 0063B7

FFFFFF

 004C9C

 5D95F0

 003681

 7CB0FF

 002168

 9ACBFF

 00094F

 B8E7FF

 000537

 D6FFFF

 000221

 F4FFFF

 000006

 000000

 0063B7

 126BB7

 2574B7

 377CB7

 4985B7

 5C8DB7

 6E95B7

 809EB7

 92A6B7

 A5AFB7

Harmonies

Analogous

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



006FB2



0063B7



7551A5

Triad

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



0063B7



A6432E



007443

Complementary

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



0063B7



B75400

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.



3B6F19



0063B7



8E5607

Square

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



0063B7



AE3656



6A6500



007670

Rectangle

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



0063B7



95438E



6A6500



007335

Sweetspot

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



0063B7



A6CCED



00B752



4D6478



F7F7F7



787878

Same Dimension

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



0063B7



0080ED



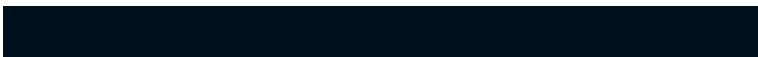
0009B7



53585C



00549C



000F1C

Inverse Universe

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



B70063



ED0080



B7AE00



5C5358



9C0054



1C000F

Previews

White Background



This preview shows how the Hex color 0063B7 looks on a white background.

Color Contrast Check

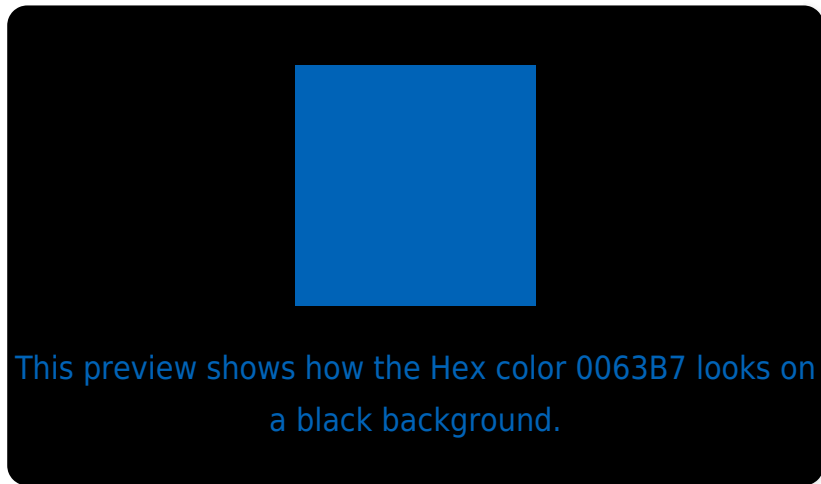
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

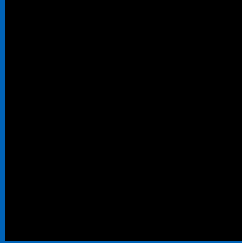
Any Text WCAG AA × Fail

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 0063B7 Background



This preview shows how black text looks on a background with the Hex color 0063B7.



This preview shows how white text looks on a background with the Hex color 0063B7.

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



Original Color
0063B7

Protanomaly
2461B4

Tritanomaly
00698D

Monochromacy



Original Color
0063B7

Achromatopsia
4F4F4F

Achromatomaly
325675

CSS Examples

Text

The CSS property to change the color of the text to Hex 0063B7 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 #0063B7 looks like.

```
.text, #text, p{  
    color:#0063B7  
}
```

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 #0063B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0063B7
}
```

Border

The CSS property to change the border of an element to Hex 0063B7 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
#0063B7 }
```

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

```
.border{ border-color:#0063B7 }
```

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

Here you see how a box with a 4 pixel #0063B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0063B7; -webkit-box-shadow:4px 4px  
4px 4px #0063B7; box-shadow:4px 4px 4px  
4px #0063B7 }
```

Background

The CSS property to change the background color of an element to Hex 0063B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0063B7 }
```

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

```
.background{ background-color:#0063B7 }
```

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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