

Converting Colors

Hex(0062B8)

Have a look what the booklet for
Hex(0062B8) contains.

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Color

Hex(0062B8)

Conversions

Conversions Part 1

Format	Color
Hex	0062B8
RGB	0, 98, 184
RGB Percent	0%, 38%, 72%
CMY	1.0000, 0.6157, 0.2784
CMYK	1.00, 0.47, 0.00, 0.28
HSL	208°, 100%, 36%
HSV	208°, 100%, 72%
XYZ	13.0194, 12.1961, 47.0153
YIQ	78.5020, -86.0140, 5.9700

Conversions

Conversions Part 2

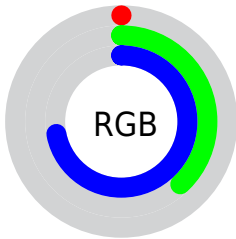
Format	Color
RYB	0, 64, 184
Decimal	25272
CIELab	41.53, 9.79, -51.98
CIELCh	42, 52.897, 280.662
Yxy	12.1961, 0.1802, 0.1688
Android (android.graphics.Color)	4278215352 (0xFF0062B8)
YUV	78.5020, 52.0105, -68.8463
Hunter-Lab	34.9229, 5.4307, -55.3738

Details

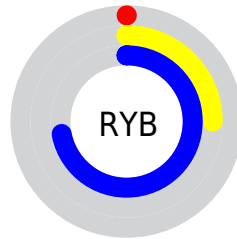
The Hex color **0062B8** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B85600**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D94F1**, and **003582** is the 20% darker color. If you saturate the color by 10%, you get **0062B8**, and if you desaturate by 10%, it is **126BB8**.

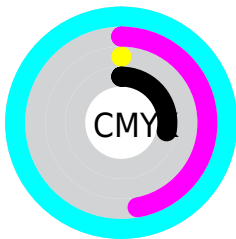
Distribution



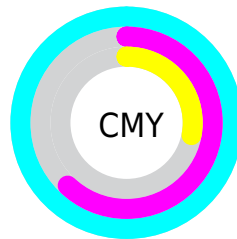
- Red (0%)
- Green (38%)
- Blue (72%)



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



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (62%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0062B8 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 0062B8 by changing the saturation by 10% instead.

 0062B8

 0062B8

FFFFFF

 004B9D

 5D94F1

 003582

 7CAEFF

 002168

 9ACAFF

 000850

 B8E6FF

 000538

 D6FFFF

 000222

 F5FFFF

 000007

 000000

 0062B8

 126BB8

 2573B8

 377CB8

 4A84B8

 5C8DB8

 6E96B8

 819EB8

 93A7B8

 A6AFB8

Harmonies

Analogous

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



006EB4



0062B8



774FA4

Triad

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



0062B8



A6422B



007443

Complementary

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



0062B8



B85600

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.



376F18



0062B8



8D5501

Square

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



0062B8



AF3454



686500



007671

Rectangle

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



0062B8



96418D



686500



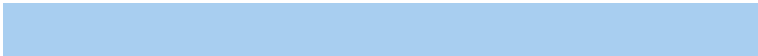
007335

Sweetspot

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



0062B8



A8CEF0



00B856



4D6478



F7F7F7



787878

Same Dimension

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



0062B8



0080F0



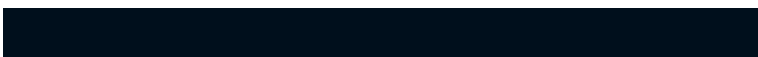
0006B8



53585C



00539C



000F1C

Inverse Universe

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



B80062



F00080



B8B200



5C5358



9C0053



1C000F

Previews

White Background



This preview shows how the Hex color 0062B8 looks on a white background.

Color Contrast Check

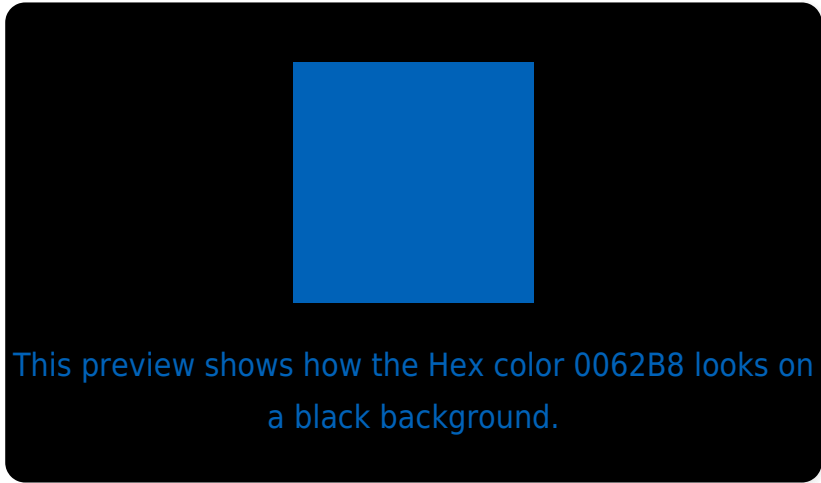
Large Text (above 18pt) WCAG AA ✓ Pass

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

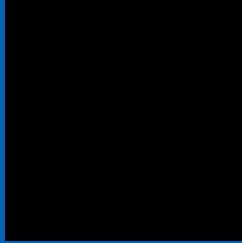
Any Text WCAG AA × Fail

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 0062B8 Background



This preview shows how black text looks on a background with the Hex color 0062B8.



This preview shows how white text looks on a background with the Hex color 0062B8.

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
006D74

Trichromacy



Original Color
0062B8

Protanomaly
2260B6

Deuteranomaly
0063B2

Tritanomaly
00698D

Monochromacy



Original Color
0062B8

Achromatopsia
4F4F4F

Achromatomaly
325675

CSS Examples

Text

The CSS property to change the color of the text to Hex 0062B8 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 #0062B8 looks like.

```
.text, #text, p{  
    color:#0062B8  
}
```

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 #0062B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0062B8
}
```

Border

The CSS property to change the border of an element to Hex 0062B8 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
#0062B8 }
```

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

```
.border{ border-color:#0062B8 }
```

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

Here you see how a box with a 4 pixel #0062B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0062B8; -webkit-box-shadow:4px 4px  
4px 4px #0062B8; box-shadow:4px 4px 4px  
4px #0062B8 }
```

Background

The CSS property to change the background color of an element to Hex 0062B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0062B8 }
```

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

```
.background{ background-color:#0062B8 }
```

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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