

Converting Colors

Hex(0064B2)

Have a look what the booklet for
Hex(0064B2) contains.

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Color

Hex(0064B2)

Conversions

Conversions Part 1

Format	Color
Hex	0064B2
RGB	0, 100, 178
RGB Percent	0%, 39%, 70%
CMY	1.0000, 0.6078, 0.3020
CMYK	1.00, 0.44, 0.00, 0.30
HSL	206°, 100%, 35%
HSV	206°, 100%, 70%
XYZ	12.5931, 12.3287, 43.8354
YIQ	78.9920, -84.6380, 3.0580

Conversions

Conversions Part 2

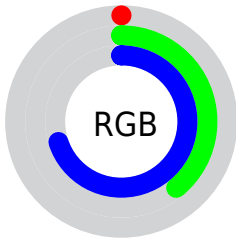
Format	Color
RYB	0, 64, 178
Decimal	25778
CIELab	41.73, 6.05, -48.14
CIELCh	42, 48.516, 277.159
Yxy	12.3287, 0.1832, 0.1793
Android (android.graphics.Color)	4278215858 (0xFF0064B2)
YUV	78.9920, 48.8109, -69.2760
Hunter-Lab	35.1122, 2.5728, -49.4413

Details

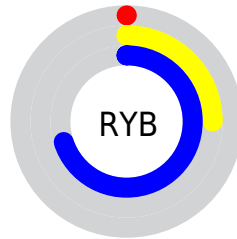
The Hex color **0064B2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B24E00**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5B96EA**, and **00367D** is the 20% darker color. If you saturate the color by 10%, you get **0064B2**, and if you desaturate by 10%, it is **126CB2**.

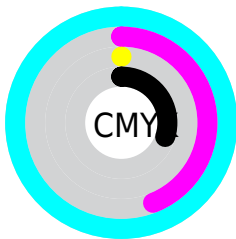
Distribution



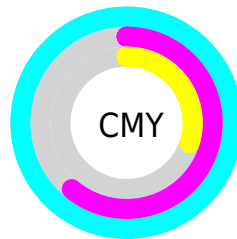
- Red (0%)
- Green (39%)
- Blue (70%)



- Red (0%)
- Yellow (25%)
- Blue (70%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (61%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0064B2 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 0064B2 by changing the saturation by 10% instead.

0064B2

0064B2

FFFFFF

004D97

5B96EA

00367D

7AB1FF

002263

98CCFF

000A4B

B6E8FF

000433

D3FFFF

00021D

F2FFFF

000000

0064B2

126CB2

■ 2474B2

■ 357BB2

■ 4783B2

■ 598BB2

■ 6B93B2

■ 7D9BB2

■ 8EA2B2

■ A0AAB2

Harmonies

Analogous

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



006FAC



0064B2



7054A2

Triad

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



0064B2



A44434



007342

Complementary

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



0064B2



B24E00

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.



436E1C



0064B2



8E5513

Square

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



0064B2



AA3A5B



6D6401



00756B

Rectangle

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



0064B2



8F478E



6D6401



127235

Sweetspot

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



0064B2



A2CAE8



00B24D



4B6375



F5F5F5



757575

Same Dimension

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



0064B2



0082E8



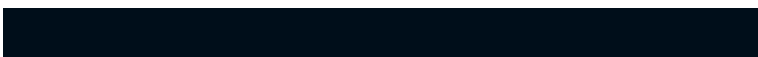
000CB2



505559



005699



000E1A

Inverse Universe

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



B20064



E80082



B2A600



595055



990056



1A000E

Previews

White Background



This preview shows how the Hex color 0064B2 looks on a white background.

Color Contrast Check

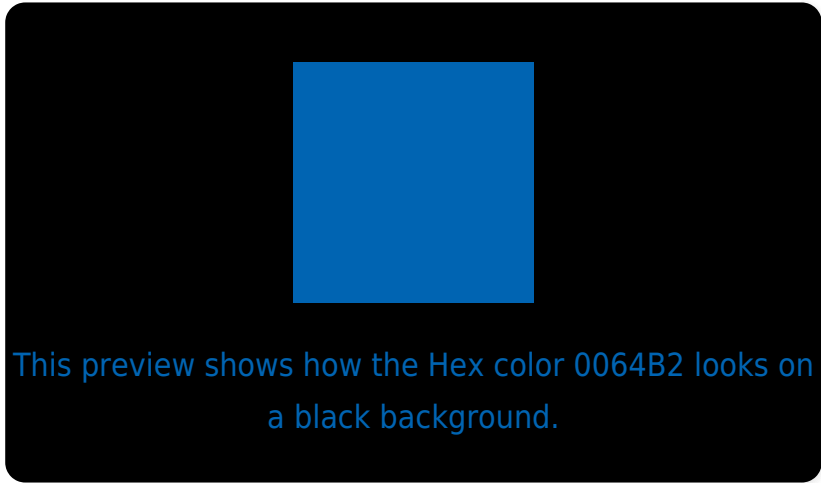
Large Text (above 18pt) WCAG AA ✓ Pass

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

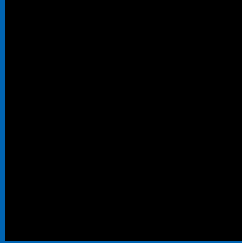
Any Text WCAG AA × Fail

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 0064B2 Background



This preview shows how black text looks on a background with the Hex color 0064B2.



This preview shows how white text looks on a background with the Hex color 0064B2.

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
006D75

Trichromacy



Original Color
0064B2

Protanomaly
2761AF

Deuteranomaly
0064B2

Tritanomaly
006A8B

Monochromacy



Original Color
0064B2

Achromatopsia
4F4F4F

Achromatomaly
325773

CSS Examples

Text

The CSS property to change the color of the text to Hex 0064B2 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 #0064B2 looks like.

```
.text, #text, p{  
    color:#0064B2  
}
```

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 #0064B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0064B2
}
```

Border

The CSS property to change the border of an element to Hex 0064B2 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
#0064B2 }
```

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

```
.border{ border-color:#0064B2 }
```

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

Here you see how a box with a 4 pixel #0064B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0064B2; -webkit-box-shadow:4px 4px  
4px 4px #0064B2; box-shadow:4px 4px 4px  
4px #0064B2 }
```

Background

The CSS property to change the background color of an element to Hex 0064B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0064B2 }
```

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

```
.background{ background-color:#0064B2 }
```

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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