

# Converting Colors

Hex(3000B8)

Have a look what the booklet for  
Hex(3000B8) contains.

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# Color

**Hex(3000B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3000B8
RGB	48, 0, 184
RGB Percent	19%, 0%, 72%
CMY	0.8118, 1.0000, 0.2784
CMYK	0.74, 1.00, 0.00, 0.28
HSL	256°, 100%, 36%
HSV	256°, 100%, 72%
XYZ	9.8707, 4.0891, 45.6164
YIQ	35.3280, -30.4560, 67.4000

# Conversions

## Conversions Part 2

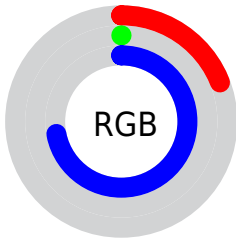
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 0, 184
Decimal	3145912
CIELab	23.96, 62.76, -80.75
CIELCh	24, 102.273, 307.856
Yxy	4.0891, 0.1657, 0.0686
Android (android.graphics.Color)	4281335992 (0xFF3000B8)
YUV	35.3280, 73.2953, 11.1133
Hunter-Lab	20.2214, 51.7433, -119.5940

# Details

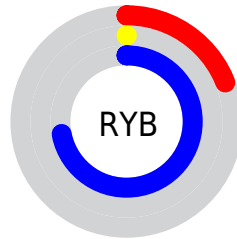
The Hex color **3000B8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **88B800**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **763FF2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **3000B8**, and if you desaturate by 10%, it is **3E12B8**.

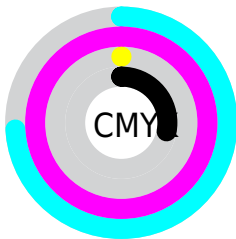
# Distribution



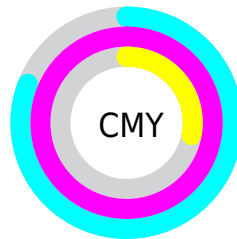
- Red (19%)
- Green (0%)
- Blue (72%)



- Red (19%)
- Yellow (0%)
- Blue (72%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (81%)
- Magenta (100%)
- Yellow (28%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3000B8 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 3000B8 by changing the saturation by 10% instead.



 3000B8

 3000B8


FFFFFF

 00009C

 763FF2

 000081

 955AFF

 000067

 B474FF

 000A4E

 D28FFF

 000536

 F1ABFF

 000220

 FFC7FF

 000003

 FFE4FF

 000000

 3000B8

 3E12B8

 4B25B8

 5937B8

 664AB8

 745CB8

 826EB8

 8F81B8

 9D93B8

 AAA6B8

# Harmonies

## Analogous

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



0044DA



3000B8



9A0075

# Triad

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



3000B8



721500



00504D

# Complementary

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



3000B8



88B800

# 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.



004D00



3000B8



343E00

# Square

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



3000B8



9D0000



004900



005299

# Rectangle

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



3000B8



AD0043



004900



004F32



# Sweetspot

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



3000B8



BBA8F0



008AB8



584D78



F7F7F7



787878



# Same Dimension

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



3000B8



3F00F0



8A00B8



55535C



29009C



07001C



# Inverse Universe

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



B80088



F000B1



2EB800



5C5359



9C0073

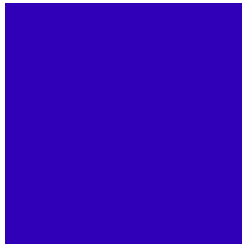


1C0015



# Previews

## White Background



This preview shows how the Hex color 3000B8 looks on a white background.

## Color Contrast Check

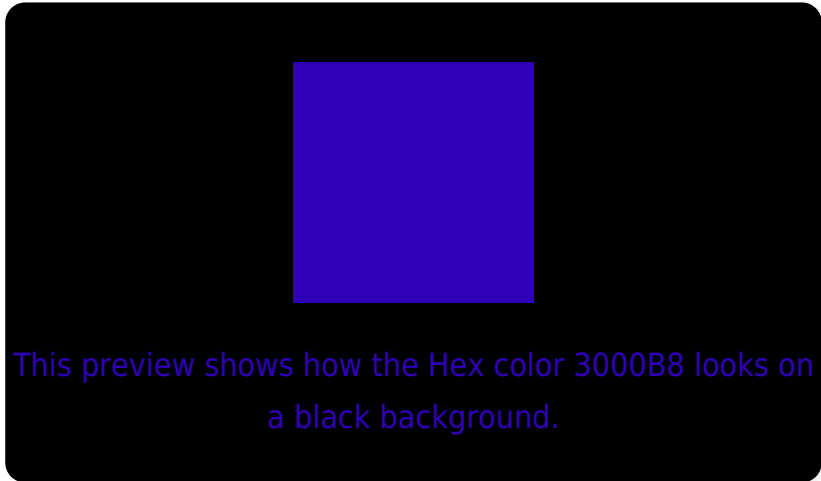
Large Text (above 18pt) WCAG AA ✓ Pass

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

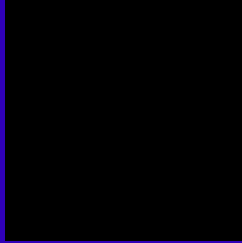
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3000B8 Background



This preview shows how black text looks on a background with the Hex color 3000B8.



This preview shows how white text looks on a background with the Hex color 3000B8.

# 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**  
3000B8

**Protanopia**  
003A79

**Deuteranopia**  
003D66



# Trichromacy



**Original Color**  
3000B8

**Protanomaly**  
112590

**Deuteranomaly**  
112784

**Tritanomaly**  
112A6F

# Monochromacy



**Original Color**  
3000B8

**Achromatopsia**  
232323

**Achromatomaly**  
281659

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3000B8 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 #3000B8 looks like.

```
.text, #text, p{  
    color:#3000B8  
}
```

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 #3000B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3000B8
}
```

## Border

The CSS property to change the border of an element to Hex 3000B8 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
#3000B8 }
```

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

```
.border{ border-color:#3000B8 }
```

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

Here you see how a box with a 4 pixel #3000B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3000B8; -webkit-box-shadow:4px 4px  
4px 4px #3000B8; box-shadow:4px 4px 4px  
4px #3000B8 }
```

# Background

The CSS property to change the background color of an element to Hex 3000B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3000B8 }
```

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

```
.background{ background-color:#3000B8 }
```

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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