

Converting Colors

Hex(0050B8)

Have a look what the booklet for
Hex(0050B8) contains.

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Color

Hex(0050B8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0050B8 |
| RGB | 0, 80, 184 |
| RGB Percent | 0%, 31%, 72% |
| CMY | 1.0000, 0.6863, 0.2784 |
| CMYK | 1.00, 0.57, 0.00, 0.28 |
| HSL | 214°, 100%, 36% |
| HSV | 214°, 100%, 72% |
| XYZ | 11.5204, 9.1980, 46.5156 |
| YIQ | 67.9360, -81.0640, 15.3840 |

Conversions

Conversions Part 2

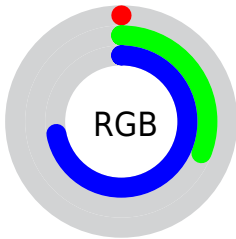
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 56, 184 |
| Decimal | 20664 |
| CIELab | 36.36, 21.74, -60.35 |
| CIELCh | 36, 64.146, 289.814 |
| Yxy | 9.1980, 0.1713, 0.1368 |
| Android (android.graphics.Color) | 4278210744 (0xFF0050B8) |
| YUV | 67.9360, 57.2196, -59.5799 |
| Hunter-Lab | 30.3282, 14.7301, -69.7057 |

Details

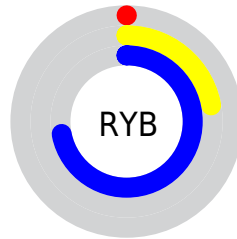
The Hex color **0050B8** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B86800**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5E80F1**, and **002582** is the 20% darker color. If you saturate the color by 10%, you get **0050B8**, and if you desaturate by 10%, it is **125AB8**.

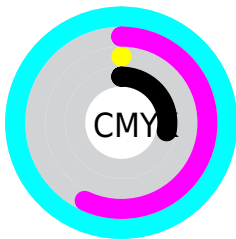
Distribution



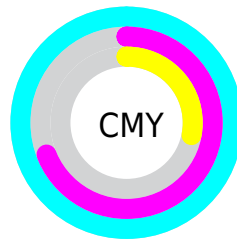
- Red (0%)
- Green (31%)
- Blue (72%)



- Red (0%)
- Yellow (22%)
- Blue (72%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (69%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0050B8 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 0050B8 by changing the saturation by 10% instead.

 0050B8

 0050B8

FFFFFF

 003A9D

 5E80F1

 002582

 7D9AFF

 001368

 9BB5FF

 00054F

 B9D0FF

 000537

 D8ECFF

 000221

 F6FFFF

 000006

 000000

 0050B8

 125AB8

 2565B8

 376FB8

 4A7AB8

 5C84B8

 6E8EB8

 8199B8

 93A3B8

 A6AEB8

Harmonies

Analogous

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



0061BC



0050B8



803399

Triad

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



0050B8



9A3300



006A42

Complementary

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



0050B8



B86800

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.



006601



0050B8



784D00

Square

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



0050B8



AC0636



495D00



006B77

Rectangle

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



0050B8



9D177A



495D00



00692F

Sweetspot

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



0050B8



A8C7F0



00B865



4D5F78



F7F7F7



787878

Same Dimension

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



0050B8



0068F0



0900B8



53575C



00449C



000C1C

Inverse Universe

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



B80050



F00068



AFB800



5C5357



9C0044



1C000C

Previews

White Background



This preview shows how the Hex color 0050B8 looks on a white background.

Color Contrast Check

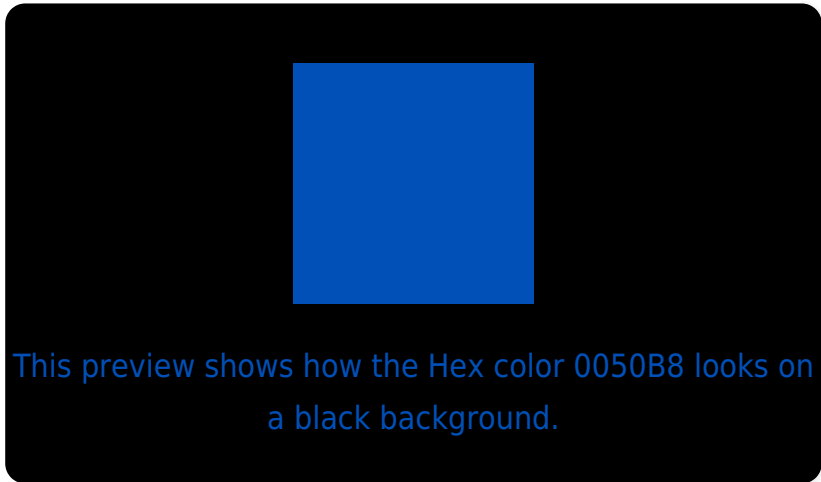
Large Text (above 18pt) WCAG AA ✓ Pass

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

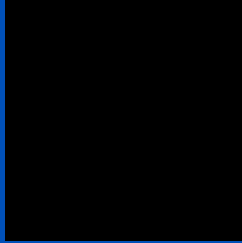
Any Text WCAG AA × Fail

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 0050B8 Background



This preview shows how black text looks on a background with the Hex color 0050B8.



This preview shows how white text looks on a background with the Hex color 0050B8.

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
0050B8

Protanopia
0052AF

Deuteranopia
005896



Tritanopia
005F65

Trichromacy



Original Color
0050B8

Protanomaly
0051B2

Deuteranomaly
0055A2

Tritanomaly
005A83

Monochromacy



Original Color
0050B8

Achromatopsia
444444

Achromatomaly
2B486E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0050B8 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 #0050B8 looks like.

```
.text, #text, p{  
    color:#0050B8  
}
```

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 #0050B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0050B8
}
```

Border

The CSS property to change the border of an element to Hex 0050B8 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
#0050B8 }
```

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

```
.border{ border-color:#0050B8 }
```

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

Here you see how a box with a 4 pixel #0050B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0050B8; -webkit-box-shadow:4px 4px  
4px 4px #0050B8; box-shadow:4px 4px 4px  
4px #0050B8 }
```

Background

The CSS property to change the background color of an element to Hex 0050B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0050B8 }
```

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

```
.background{ background-color:#0050B8 }
```

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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