

Converting Colors

Hex(0252BD)

Have a look what the booklet for
Hex(0252BD) contains.

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Color

Hex(0252BD)

Conversions

Conversions Part 1

Format	Color
Hex	0252BD
RGB	2, 82, 189
RGB Percent	1%, 32%, 74%
CMY	0.9922, 0.6784, 0.2588
CMYK	0.99, 0.57, 0.00, 0.26
HSL	214°, 98%, 37%
HSV	214°, 99%, 74%
XYZ	12.2276, 9.7216, 49.3761
YIQ	70.2780, -82.0270, 16.3170

Conversions

Conversions Part 2

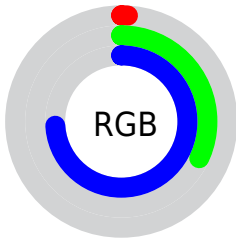
Format	Color
RYB	2, 58, 189
Decimal	152253
CIELab	37.34, 22.50, -61.69
CIElCh	37, 65.670, 290.040
Yxy	9.7216, 0.1714, 0.1363
Android (android.graphics.Color)	4278342333 (0xFF0252BD)
YUV	70.2780, 58.5299, -59.8798
Hunter-Lab	31.1795, 15.4380, -72.0664

Details

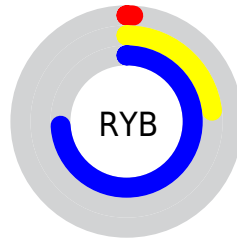
The Hex color **0252BD** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BD6D02**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6083F6**, and **002787** is the 20% darker color. If you saturate the color by 10%, you get **0051BD**, and if you desaturate by 10%, it is **155DBD**.

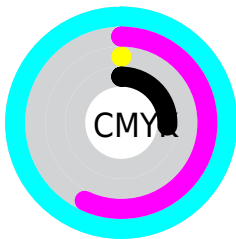
Distribution



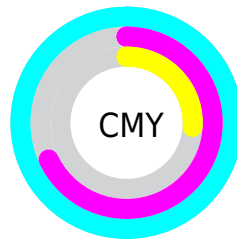
- Red (1%)
- Green (32%)
- Blue (74%)



- Red (1%)
- Yellow (23%)
- Blue (74%)



- Cyan (99%)
- Magenta (57%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (68%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0252BD 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 0252BD by changing the saturation by 10% instead.

0252BD

0252BD

FFFFFF

003CA1

6083F6

002787

7F9CFF

00156D

9EB7FF

000353

BCD3FF

00063B

DAEFFF

000225

F9FFFF

00010D

000000

0252BD

0252BD

■ 0051BD

■ 155DBD

■ 2868BD

■ 3B72BD

■ 4E7DBD

■ 6188BD

■ 7393BD

■ 869EBD

■ 99A9BD

■ ACB3BD

Harmonies

Analogous

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



0064C2



0252BD



84349D

Triad

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



0252BD



9E3400



006D44

Complementary

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



0252BD



BD6D02

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.



006901



0252BD



7B4F00

Square

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



0252BD



B10538



4B6000



006E7B

Rectangle

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



0252BD



A2167D



4B6000



006C31

Sweetspot

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



0252BD



ABCBF5



02BD6C



4E617A



F9FAFA



7A7A7A

Same Dimension

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



0252BD



0069F5



0E02BD



55595E



00449E



000D1F

Inverse Universe

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



BD0252



F50069



B1BD02



5E5559



9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 0252BD looks on a white background.

Color Contrast Check

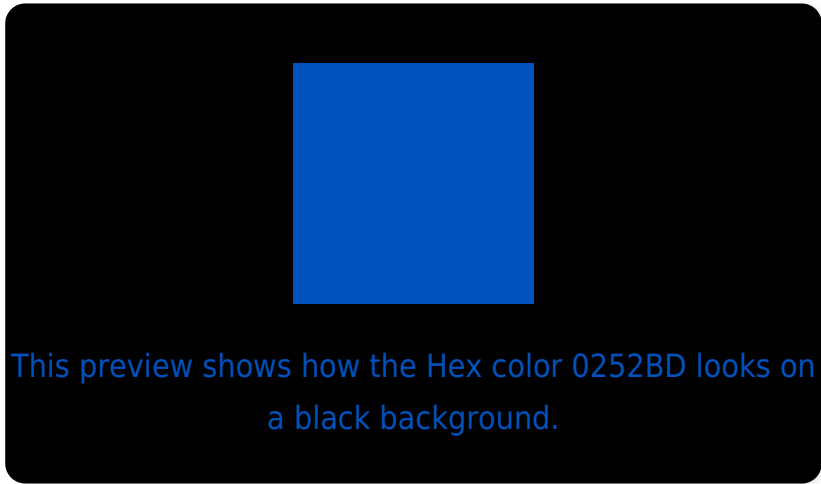
Large Text (above 18pt) WCAG AA ✓ Pass

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

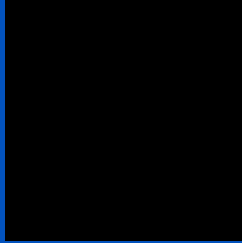
Any Text WCAG AA × Fail

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 0252BD Background



This preview shows how black text looks on a background with the Hex color 0252BD.



This preview shows how white text looks on a background with the Hex color 0252BD.

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

0252BD

Protanopia

0054B3

Deuteranopia

005A9A

Trichromacy



Original Color
0252BD

Protanomaly
0153B7

Deuteranomaly
0157A7

Tritanomaly
015C86

Monochromacy



Original Color
0252BD

Achromatopsia
464646

Achromatomaly
2D4A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 0252BD 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 #0252BD looks like.

```
.text, #text, p{  
    color:#0252BD  
}
```

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 #0252BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0252BD
}
```

Border

The CSS property to change the border of an element to Hex 0252BD 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
#0252BD }
```

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

```
.border{ border-color:#0252BD }
```

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

Here you see how a box with a 4 pixel #0252BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0252BD; -webkit-box-shadow:4px 4px  
4px 4px #0252BD; box-shadow:4px 4px 4px  
4px #0252BD }
```

Background

The CSS property to change the background color of an element to Hex 0252BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0252BD }
```

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

```
.background{ background-color:#0252BD }
```

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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