

Converting Colors

Hex(0535B2)

Have a look what the booklet for
Hex(0535B2) contains.

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Color

Hex(0535B2)

Conversions

Conversions Part 1

Format	Color
Hex	0535B2
RGB	5, 53, 178
RGB Percent	2%, 21%, 70%
CMY	0.9804, 0.7922, 0.3020
CMYK	0.97, 0.70, 0.00, 0.30
HSL	223°, 95%, 36%
HSV	223°, 97%, 70%
XYZ	9.3716, 5.7928, 42.7437
YIQ	52.8980, -68.7330, 28.6990

Conversions

Conversions Part 2

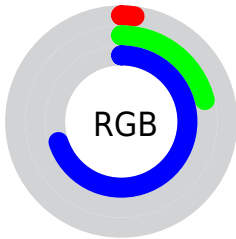
Format	Color
RYB	5, 43, 178
Decimal	341426
CIELab	28.88, 37.53, -69.06
CIELCh	29, 78.595, 298.520
Yxy	5.7928, 0.1618, 0.1000
Android (android.graphics.Color)	4278531506 (0xFF0535B2)
YUV	52.8980, 61.6753, -42.0065
Hunter-Lab	24.0683, 27.3838, -88.4473

Details

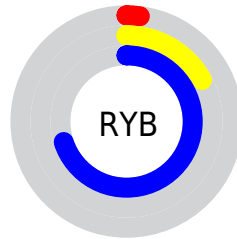
The Hex color **0535B2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B28205**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5F64EB**, and **000D7C** is the 20% darker color. If you saturate the color by 10%, you get **0031B2**, and if you desaturate by 10%, it is **1742B2**.

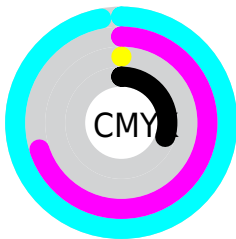
Distribution



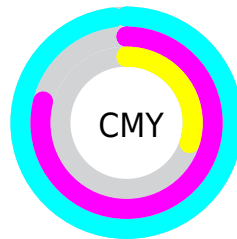
- Red (2%)
- Green (21%)
- Blue (70%)



- Red (2%)
- Yellow (17%)
- Blue (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (79%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0535B2 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 0535B2 by changing the saturation by 10% instead.

■ 0535B2

■ 0535B2

FFFFFF

■ 002097

■ 5F64EB

■ 000D7C

■ 7F7DFF

■ 000062

■ 9D97FF

■ 000949

■ BBB1FF

■ 000432

■ D9CDFF

■ 00011C

■ F8E9FF

■ 000000

■ 0535B2

■ 0535B2

■ 0031B2

■ 1742B2

 294FB2

 3A5CB2

 4C68B2

 5E75B2

 7082B2

 828FB2

 939CB2

 A5A9B2

Harmonies

Analogous

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



004FC2



0535B2



850085

Triad

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



0535B2



831F00



00593F

Complementary

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



0535B2



B28205

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.



005600



0535B2



574100

Square

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



0535B2



A0000F



0E5000



005A7E

Rectangle

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



0535B2



9E005E



0E5000



00582A

Sweetspot

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



0535B2



A5B7E8



05B281



4C5875



F5F5F5



757575

Same Dimension

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



0535B2



0040E8



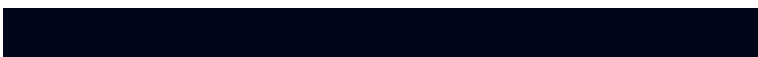
2A05B2



505359



002A99



00071A

Inverse Universe

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



B20535



E80040



8DB205



595053



99002A



1A0007

Previews

White Background



This preview shows how the Hex color 0535B2 looks on a white background.

Color Contrast Check

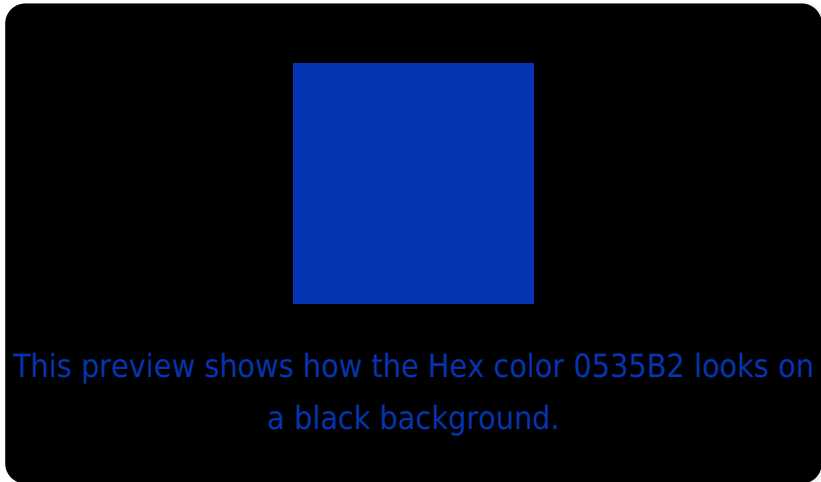
Large Text (above 18pt) WCAG AA ✓ Pass

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

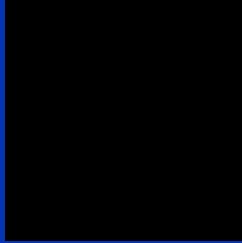
Any Text WCAG AA × Fail

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 0535B2 Background



This preview shows how black text looks on a background with the Hex color 0535B2.

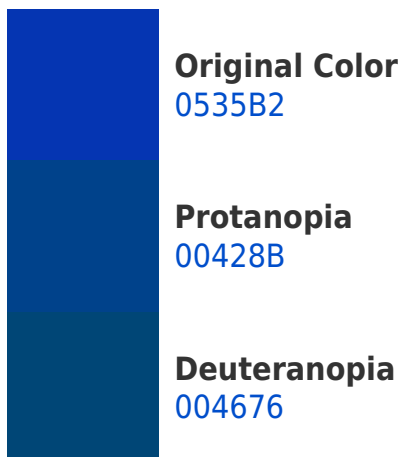


This preview shows how white text looks on a background with the Hex color 0535B2.

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



Trichromacy



Original Color
0535B2

Protanomaly
023D99

Deuteranomaly
02408C

Tritanomaly
024474

Monochromacy



Original Color
0535B2

Achromatopsia
353535

Achromatomaly
243562

CSS Examples

Text

The CSS property to change the color of the text to Hex 0535B2 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 #0535B2 looks like.

```
.text, #text, p{  
    color:#0535B2  
}
```

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 #0535B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0535B2
}
```

Border

The CSS property to change the border of an element to Hex 0535B2 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
#0535B2 }
```

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

```
.border{ border-color:#0535B2 }
```

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

Here you see how a box with a 4 pixel #0535B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0535B2; -webkit-box-shadow:4px 4px  
4px 4px #0535B2; box-shadow:4px 4px 4px  
4px #0535B2 }
```

Background

The CSS property to change the background color of an element to Hex 0535B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0535B2 }
```

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

```
.background{ background-color:#0535B2 }
```

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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