

Converting Colors

Hex(4B50D8)

Have a look what the booklet for
Hex(4B50D8) contains.

Hex(4B50D8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B50D8)

Conversions

Conversions Part 1

Format	Color
Hex	4B50D8
RGB	75, 80, 216
RGB Percent	29%, 31%, 85%
CMY	0.7059, 0.6863, 0.1529
CMYK	0.65, 0.63, 0.00, 0.15
HSL	238°, 64%, 57%
HSV	238°, 65%, 85%
XYZ	18.1650, 12.1910, 66.3615
YIQ	94.0090, -46.6360, 41.2360

Conversions

Conversions Part 2

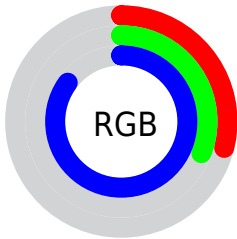
Format	Color
R_{YB}	75, 80, 216
Decimal	4935896
CIE _{Lab}	41.52, 40.08, -70.40
CIE _{LCh}	42, 81.012, 299.655
Yxy	12.1910, 0.1878, 0.1260
Android (android.graphics.Color)	4283125976 (0xFF4B50D8)
YUV	94.0090, 60.1416, -16.6709
Hunter-Lab	34.9157, 31.7627, -88.2468

Details

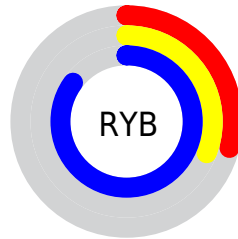
The Hex color **4B50D8** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D8D34B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8A82FF**, and **0023A0** is the 20% darker color. If you saturate the color by 10%, you get **353BD8**, and if you desaturate by 10%, it is **6165D8**.

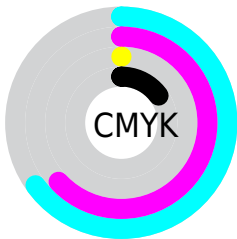
Distribution



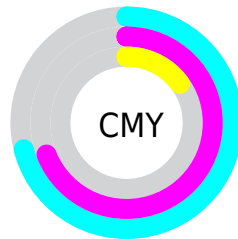
- Red (29%)
- Green (31%)
- Blue (85%)



- Red (29%)
- Yellow (31%)
- Blue (85%)



- Cyan (65%)
- Magenta (63%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B50D8 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 4B50D8 by changing the saturation by 10% instead.

■ 4B50D8

■ 4B50D8

FFFFFF

■ 2339BC

■ 8A82FF

■ 0023A0

■ A99CFF

■ 000F85

■ C7B7FF

■ 00006B

■ E5D2FF

■ 000852

■ FFEFFF

■ 000539

■ 000223

■ 00000A

■ 000000

■ 4B50D8

■ 4B50D8

■ 353BD8

■ 6165D8

■ 2026D8

■ 767AD8

■ 0A11D8

■ 8C8FD8

■ 0008D8

■ A1A3D8

■ B7B8D8

■ CDCDD8

■ E2E2D8

■ F8F7D8

■ FFFFD8

Harmonies

Analogous

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



006CEA



4B50D8



AD15A7

Triad

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



4B50D8



AB4000



007C5F

Complementary

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



4B50D8



D8D34B

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.



007812



4B50D8



796000

Square

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



4B50D8



CA0025



337000



007CA3

Rectangle

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



4B50D8



C8007C



337000



007B48

Sweetspot

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



4B50D8



CCCEFF



4BD8D1



616280



000000



808080

Same Dimension

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



4B50D8



383FFF



8A4BD8



60616B



0006AB



00022B

Inverse Universe

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



D84B50



FF383F



99D84B



6B6061



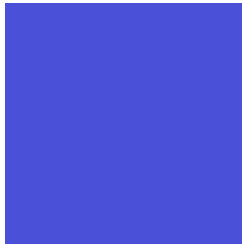
AB0006



2B0002

Previews

White Background



This preview shows how the Hex color 4B50D8 looks on a white background.

Color Contrast Check

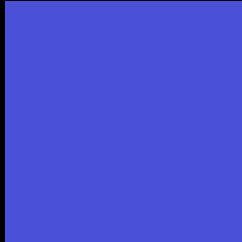
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4B50D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

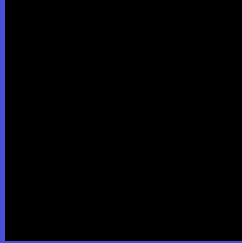
Any Text WCAG AA × Fail

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 4B50D8 Background



This preview shows how black text looks on a background with the Hex color 4B50D8.

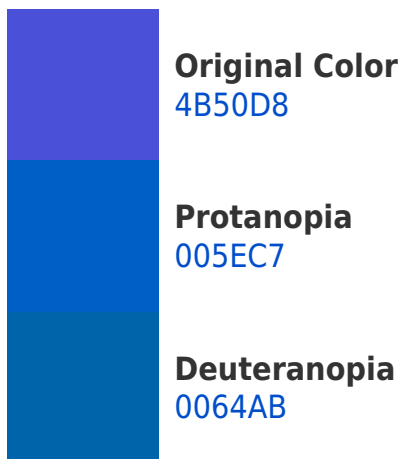


This preview shows how white text looks on a background with the Hex color 4B50D8.

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](#).

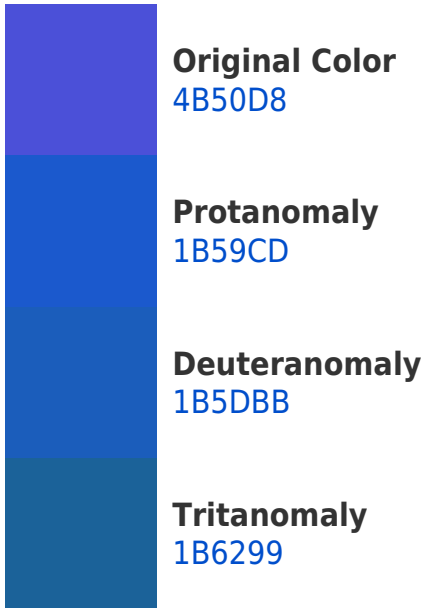
Dichromacy





Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B50D8 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 #4B50D8 looks like.

```
.text, #text, p{  
  color:#4B50D8  
}
```

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 #4B50D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B50D8
}
```

Border

The CSS property to change the border of an element to Hex 4B50D8 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
#4B50D8 }
```

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

```
.border{ border-color:#4B50D8 }
```

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

Here you see how a box with a 4 pixel #4B50D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B50D8; -webkit-box-shadow:4px 4px  
4px 4px #4B50D8; box-shadow:4px 4px 4px  
4px #4B50D8 }
```

Background

The CSS property to change the background color of an element to Hex 4B50D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B50D8 }
```

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

```
.background{ background-color:#4B50D8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor