

Converting Colors

Hex(4B5094)

Have a look what the booklet for
Hex(4B5094) contains.

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Color

Hex(4B5094)

Conversions

Conversions Part 1

Format	Color
Hex	4B5094
RGB	75, 80, 148
RGB Percent	29%, 31%, 58%
CMY	0.7059, 0.6863, 0.4196
CMYK	0.49, 0.46, 0.00, 0.42
HSL	236°, 33%, 44%
HSV	236°, 49%, 58%
XYZ	11.1156, 9.3713, 29.2400
YIQ	86.2570, -24.8080, 20.0880

Conversions

Conversions Part 2

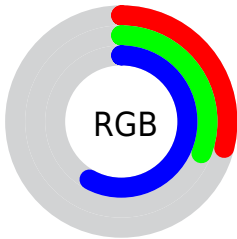
Format	Color
R_{YB}	75, 80, 148
Decimal	4935828
CIE _{Lab}	36.69, 17.40, -38.19
CIE _{LCh}	37, 41.968, 294.498
Yxy	9.3713, 0.2235, 0.1885
Android (android.graphics.Color)	4283125908 (0xFF4B5094)
YUV	86.2570, 30.4393, -9.8724
Hunter-Lab	30.6126, 11.2424, -35.2027

Details

The Hex color **4B5094** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **948F4B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8081CB**, and **122461** is the 20% darker color. If you saturate the color by 10%, you get **3C4294**, and if you desaturate by 10%, it is **5A5E94**.

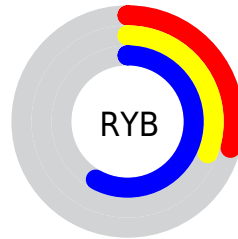
Distribution



Red (29%)

Green (31%)

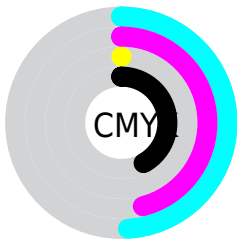
Blue (58%)



Red (29%)

Yellow (31%)

Blue (58%)

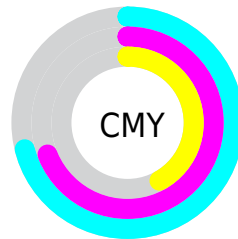


Cyan (49%)

Magenta (46%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (69%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5094 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 4B5094 by changing the saturation by 10% instead.

■ 4B5094

■ 4B5094

FFFFFF

■ 30397A

■ 8081CB

■ 122461

■ 9B9BE7

■ 001048

■ B7B6FF

■ 000231

■ D4D1FF

■ 00011C

■ F1EEFF

■ 000000

■ 4B5094

■ 4B5094

■ 3C4294

■ 5A5E94

■ 2D3494

■ 696C94

■ 1F2794

■ 777994

■ 101994

■ 868794

■ 010B94

■ 959594

■ 000A94

■ A4A394

■ B3B194

■ C1BE94

■ D0CC94

Harmonies

Analogous

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



005C9A



4B5094



79417E

Triad

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



4B5094



85451F



00664F

Complementary

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



4B5094



948F4B

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.



1E632D



4B5094



6D530A

Square

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



4B5094



92393C



4D5D11



006671

Rectangle

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



4B5094



8A3969



4D5D11



006543

Sweetspot

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



4B5094



A3A5BF



4B948E



4F5161



E0E0E0



616161

Same Dimension

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



4B5094



4E56BF



694B94



43434A



00098A



00010A

Inverse Universe

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



944B50



BF4E56



76944B



4A4343



8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 4B5094 looks on a white background.

Color Contrast Check

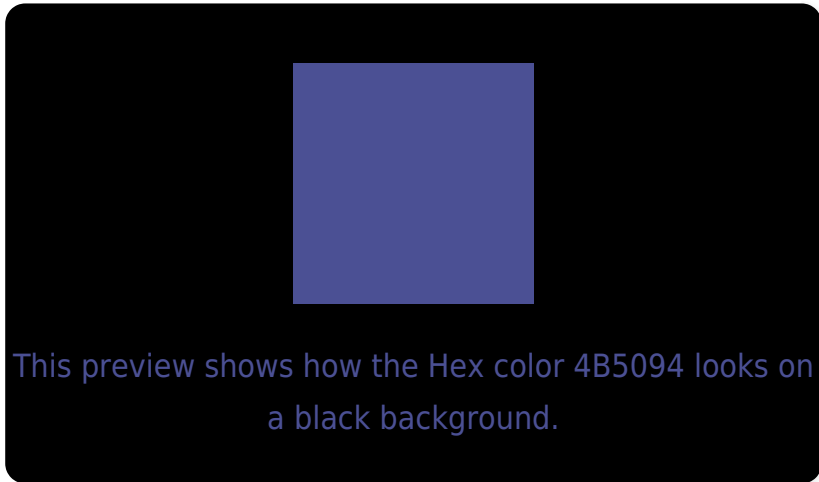
Large Text (above 18pt) WCAG AA ✓ Pass

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

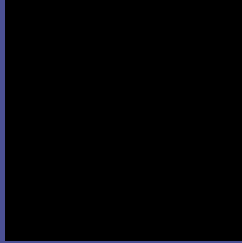
Any Text WCAG AA × Fail

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 4B5094 Background



This preview shows how black text looks on a background with the Hex color 4B5094.

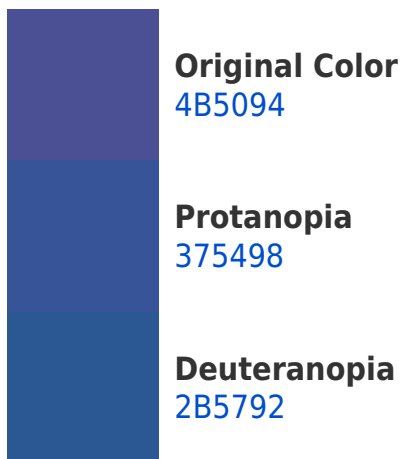


This preview shows how white text looks on a background with the Hex color 4B5094.

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
3C5B63

Trichromacy



Original Color
4B5094

Protanomaly
3E5397

Deuteranomaly
375493

Tritanomaly
415775

Monochromacy



Original Color
4B5094

Achromatopsia
565656

Achromatomaly
52546D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5094 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 #4B5094 looks like.

```
.text, #text, p{  
    color:#4B5094  
}
```

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 #4B5094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5094
}
```

Border

The CSS property to change the border of an element to Hex 4B5094 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
#4B5094 }
```

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

```
.border{ border-color:#4B5094 }
```

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

Here you see how a box with a 4 pixel #4B5094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5094; -webkit-box-shadow:4px 4px  
4px 4px #4B5094; box-shadow:4px 4px 4px  
4px #4B5094 }
```

Background

The CSS property to change the background color of an element to Hex 4B5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5094 }
```

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

```
.background{ background-color:#4B5094 }
```

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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