

Converting Colors

Hex(4D60AB)

Have a look what the booklet for
Hex(4D60AB) contains.

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Color

Hex(4D60AB)

Conversions

Conversions Part 1

Format	Color
Hex	4D60AB
RGB	77, 96, 171
RGB Percent	30%, 38%, 67%
CMY	0.6980, 0.6235, 0.3294
CMYK	0.55, 0.44, 0.00, 0.33
HSL	228°, 38%, 49%
HSV	228°, 55%, 67%
XYZ	14.5941, 12.8838, 40.2457
YIQ	98.8690, -35.3990, 19.2970

Conversions

Conversions Part 2

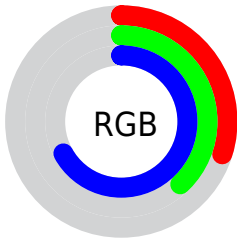
Format	Color
R_{YB}	77, 93, 171
Decimal	5071019
CIE _{Lab}	42.59, 15.21, -42.52
CIE _{LCh}	43, 45.157, 289.682
Yxy	12.8838, 0.2155, 0.1902
Android (android.graphics.Color)	4283261099 (0xFF4D60AB)
YUV	98.8690, 35.5606, -19.1791
Hunter-Lab	35.8940, 9.7617, -41.3524

Details

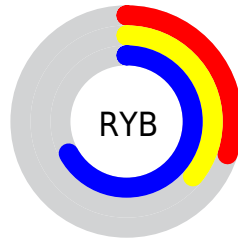
The Hex color **4D60AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB984D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8492E3**, and **093276** is the 20% darker color. If you saturate the color by 10%, you get **3C52AB**, and if you desaturate by 10%, it is **5E6EAB**.

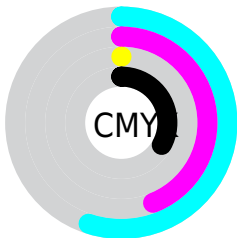
Distribution



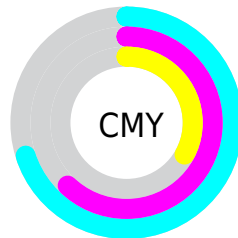
- Red (30%)
- Green (38%)
- Blue (67%)



- Red (30%)
- Yellow (36%)
- Blue (67%)



- Cyan (55%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D60AB 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 4D60AB by changing the saturation by 10% instead.

■ 4D60AB

■ 4D60AB

FFFFFF

■ 304890

■ 8492E3

■ 093276

■ A0ADFF

■ 001E5D

■ BDC8FF

■ 000545

■ D9E4FF

■ 00042E

■ F7FFFF

■ 000118

■ 000000

■ 4D60AB

■ 4D60AB

■ 3C52AB

■ 5E6EAB

■ 2B45AB

■ 6F7BAB

■ 1A37AB

■ 8089AB

■ 0929AB

■ 9197AB

■ 0023AB

■ A2A4AB

■ B4B2AB

■ C5C0AB

■ D6CDAB

■ E7DBAB

Harmonies

Analogous

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



006DAE



4D60AB



855095

Triad

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



4D60AB



9C4F2C



007656

Complementary

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



4D60AB



AB984D

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.



327232



4D60AB



835E15

Square

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



4D60AB



A8434E



606A16



00767D

Rectangle

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



4D60AB



9B467F



606A16



007549

Sweetspot

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



4D60AB



BAC2DE



4DAB97



5B5F70



F0F0F0



707070

Same Dimension

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



4D60AB



4B69DE



684DAB



4E5057



001E96



000517

Inverse Universe

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



AB4D60



DE4B69



90AB4D



574E50



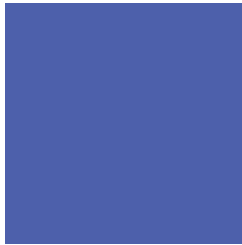
96001E



170005

Previews

White Background



This preview shows how the Hex color 4D60AB looks on a white background.

Color Contrast Check

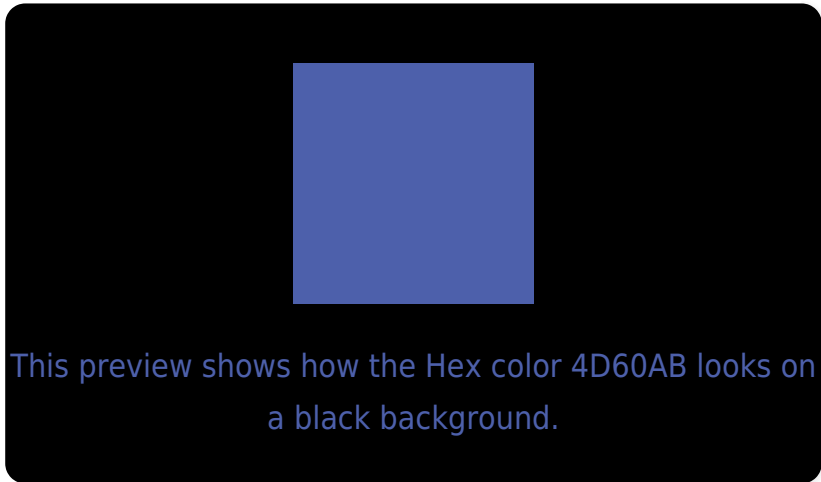
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

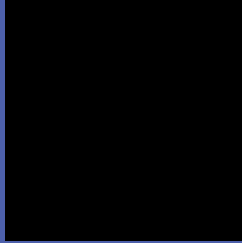
Any Text WCAG AA × Fail

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 4D60AB Background



This preview shows how black text looks on a background with the Hex color 4D60AB.

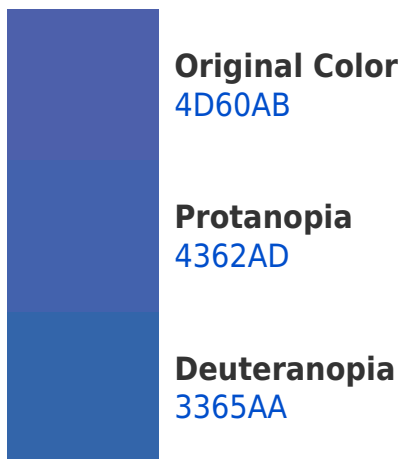


This preview shows how white text looks on a background with the Hex color 4D60AB.

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](#).

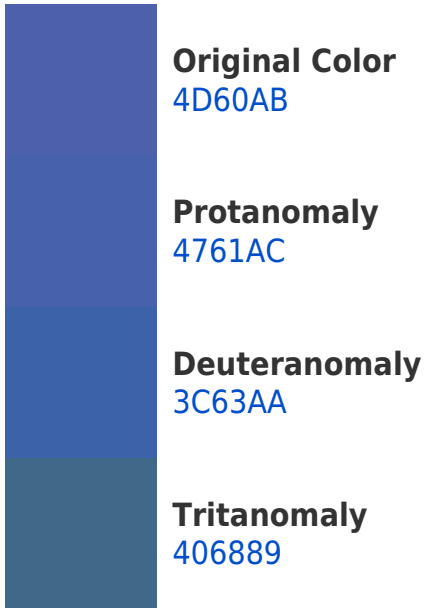
Dichromacy



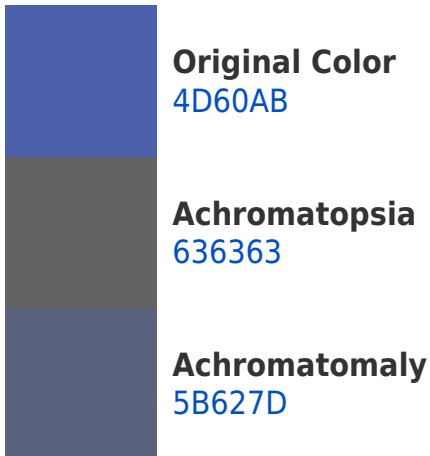


Tritanopia
396C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D60AB 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 #4D60AB looks like.

```
.text, #text, p{  
    color:#4D60AB  
}
```

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 #4D60AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D60AB
}
```

Border

The CSS property to change the border of an element to Hex 4D60AB 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
#4D60AB }
```

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

```
.border{ border-color:#4D60AB }
```

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

Here you see how a box with a 4 pixel #4D60AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D60AB; -webkit-box-shadow:4px 4px  
4px 4px #4D60AB; box-shadow:4px 4px 4px  
4px #4D60AB }
```

Background

The CSS property to change the background color of an element to Hex 4D60AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D60AB }
```

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

```
.background{ background-color:#4D60AB }
```

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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