

Converting Colors

Hex(4C62AB)

Have a look what the booklet for
Hex(4C62AB) contains.

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Color

Hex(4C62AB)

Conversions

Conversions Part 1

Format	Color
Hex	4C62AB
RGB	76, 98, 171
RGB Percent	30%, 38%, 67%
CMY	0.7020, 0.6157, 0.3294
CMYK	0.56, 0.43, 0.00, 0.33
HSL	226°, 38%, 48%
HSV	226°, 56%, 67%
XYZ	14.6989, 13.2121, 40.3036
YIQ	99.7440, -36.5450, 18.0390

Conversions

Conversions Part 2

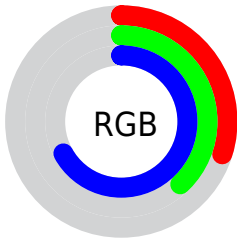
Format	Color
R_{YB}	76, 94, 171
Decimal	5005995
CIE _{Lab}	43.08, 13.72, -41.74
CIE _{LCh}	43, 43.934, 288.198
Yxy	13.2121, 0.2155, 0.1937
Android (android.graphics.Color)	4283196075 (0xFF4C62AB)
YUV	99.7440, 35.1292, -20.8235
Hunter-Lab	36.3485, 8.5732, -40.2973

Details

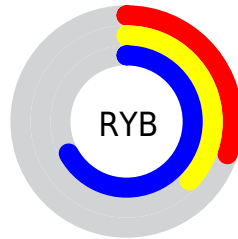
The Hex color **4C62AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB954C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8394E3**, and **073476** is the 20% darker color. If you saturate the color by 10%, you get **3B55AB**, and if you desaturate by 10%, it is **5D6FAB**.

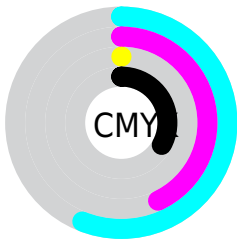
Distribution



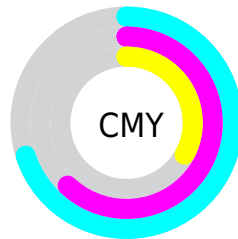
- Red (30%)
- Green (38%)
- Blue (67%)



- Red (30%)
- Yellow (37%)
- Blue (67%)



- Cyan (56%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4C62AB 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 4C62AB by changing the saturation by 10% instead.

■ 4C62AB

■ 4C62AB

FFFFFF

■ 2F4A90

■ 8394E3

■ 073476

■ 9FAFFF

■ 00205D

■ BCCAFF

■ 000845

■ D8E6FF

■ 00042E

■ F6FFFF

■ 000118

■ 000000

■ 4C62AB

■ 4C62AB

■ 3B55AB

■ 5D6FAB

■ 2A48AB

■ 6E7CAB

■ 193BAB

■ 7F89AB

■ 082DAB

■ 9097AB

■ 0028AB

■ A1A4AB

■ B3B1AB

■ C4BEAB

■ D5CBAB

■ E6D8AB

Harmonies

Analogous

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



006EAD



4C62AB



835397

Triad

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



4C62AB



9D5031



007656

Complementary

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



4C62AB



AB954C

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.



387233



4C62AB



855F1A

Square

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



4C62AB



A84551



646B1A



00777B

Rectangle

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



4C62AB



994982



646B1A



007549

Sweetspot

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



4C62AB



B8C1DE



4CAB95



5A5F70



F0F0F0



707070

Same Dimension

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



4C62AB



496CDE



654CAB



4E5057



002396



000517

Inverse Universe

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



AB4C62



DE496C



92AB4C



574E50



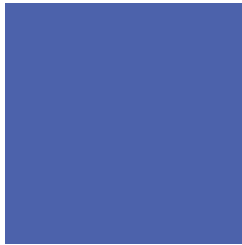
960023



170005

Previews

White Background



This preview shows how the Hex color 4C62AB looks on a white background.

Color Contrast Check

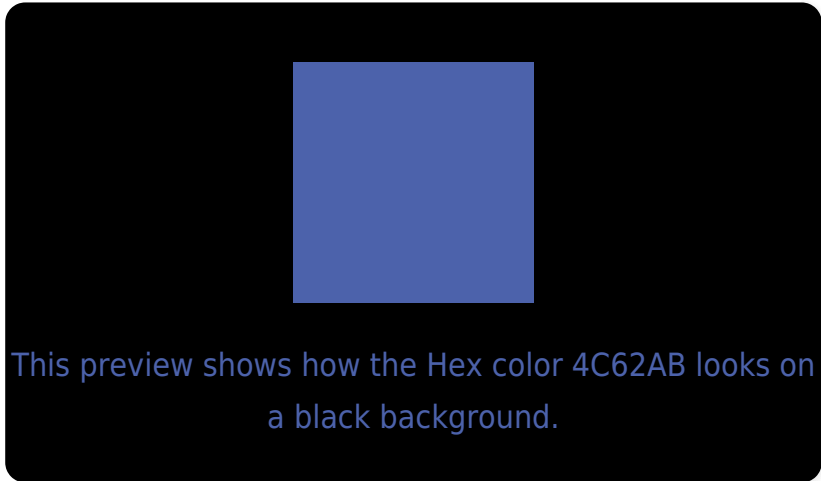
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C62AB Background



This preview shows how black text looks on a background with the Hex color 4C62AB.



This preview shows how white text looks on a background with the Hex color 4C62AB.

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
4C62AB

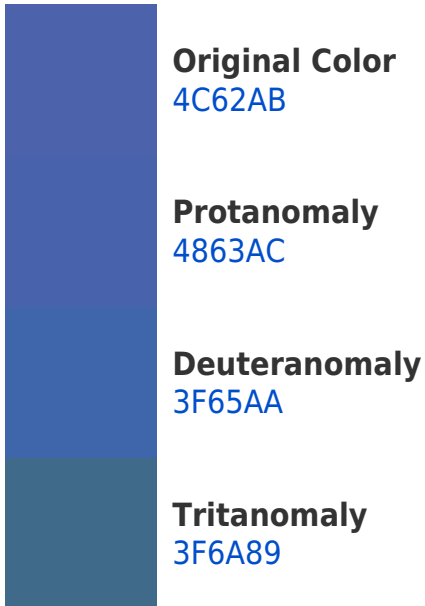
Protanopia
4663AC

Deuteranopia
3766AA

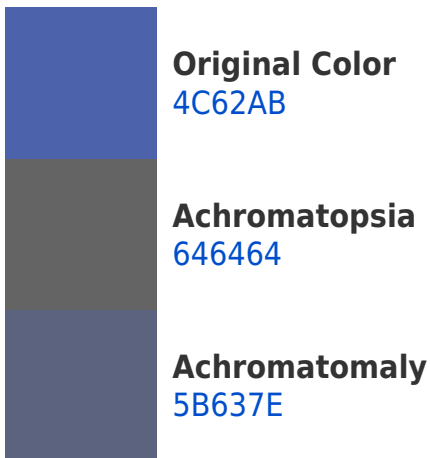


Tritanopia
386E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C62AB 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 #4C62AB looks like.

```
.text, #text, p{  
    color:#4C62AB  
}
```

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 #4C62AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C62AB
}
```

Border

The CSS property to change the border of an element to Hex 4C62AB 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
#4C62AB }
```

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

```
.border{ border-color:#4C62AB }
```

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

Here you see how a box with a 4 pixel #4C62AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C62AB; -webkit-box-shadow:4px 4px  
4px 4px #4C62AB; box-shadow:4px 4px 4px  
4px #4C62AB }
```

Background

The CSS property to change the background color of an element to Hex 4C62AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C62AB }
```

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

```
.background{ background-color:#4C62AB }
```

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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