

Converting Colors

Hex(4C62A1)

Have a look what the booklet for
Hex(4C62A1) contains.

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Color

Hex(4C62A1)

Conversions

Conversions Part 1

Format	Color
Hex	4C62A1
RGB	76, 98, 161
RGB Percent	30%, 38%, 63%
CMY	0.7020, 0.6157, 0.3686
CMYK	0.53, 0.39, 0.00, 0.37
HSL	224°, 36%, 46%
HSV	224°, 53%, 63%
XYZ	13.7812, 12.8451, 35.4712
YIQ	98.6040, -33.3350, 14.9290

Conversions

Conversions Part 2

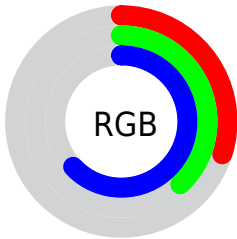
Format	Color
R_{YB}	76, 93, 161
Decimal	5005985
CIE _{Lab}	42.53, 10.40, -36.70
CIE _{LCh}	43, 38.148, 285.814
Yxy	12.8451, 0.2219, 0.2069
Android (android.graphics.Color)	4283196065 (0xFF4C62A1)
YUV	98.6040, 30.7612, -19.8237
Hunter-Lab	35.8400, 5.9167, -33.5919

Details

The Hex color **4C62A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A18B4C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8294D8**, and **0F346D** is the 20% darker color. If you saturate the color by 10%, you get **3C56A1**, and if you desaturate by 10%, it is **5C6EA1**.

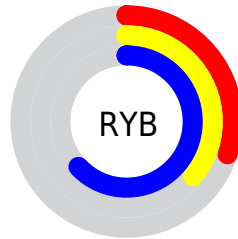
Distribution



Red (30%)

Green (38%)

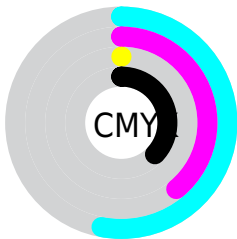
Blue (63%)



Red (30%)

Yellow (36%)

Blue (63%)

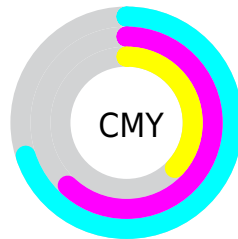


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (37%)



Cyan (70%)

Magenta (62%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C62A1 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 4C62A1 by changing the saturation by 10% instead.

■ 4C62A1

■ 4C62A1

FFFFFF

■ 304A87

■ 8294D8

■ 0F346D

■ 9EAF5

■ 001F54

■ BACAFF

■ 00073D

■ D6E6FF

■ 000326

■ F3FFFF

■ 00010F

■ 000000

■ 4C62A1

■ 4C62A1

■ 3C56A1

■ 5C6EA1

■ 2C4AA1

■ 6C7AA1

■ 1C3EA1

■ 7C86A1

■ 0C32A1

■ 8C92A1

■ 002AA1

■ 9C9EA1

■ AAAAA1

■ BDB6A1

■ CDC1A1

■ DDCDA1

Harmonies

Analogous

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



006CA1



4C62A1



7C5591

Triad

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



4C62A1



975239



007354

Complementary

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



4C62A1



A18B4C

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.



426F37



4C62A1



835D26

Square

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



4C62A1



9F4955



666824



007475

Rectangle

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



4C62A1



904E7F



666824



1F7249

Sweetspot

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



4C62A1



B0B8D1



4CA18A



555A69



E8E8E8



696969

Same Dimension

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



4C62A1



4D6FD1



604CA1



494C52



002691



000512

Inverse Universe

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



A14C62



D14D6F



8DA14C



52494C



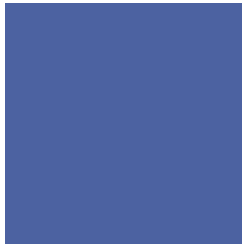
910026



120005

Previews

White Background



This preview shows how the Hex color 4C62A1 looks on a white background.

Color Contrast Check

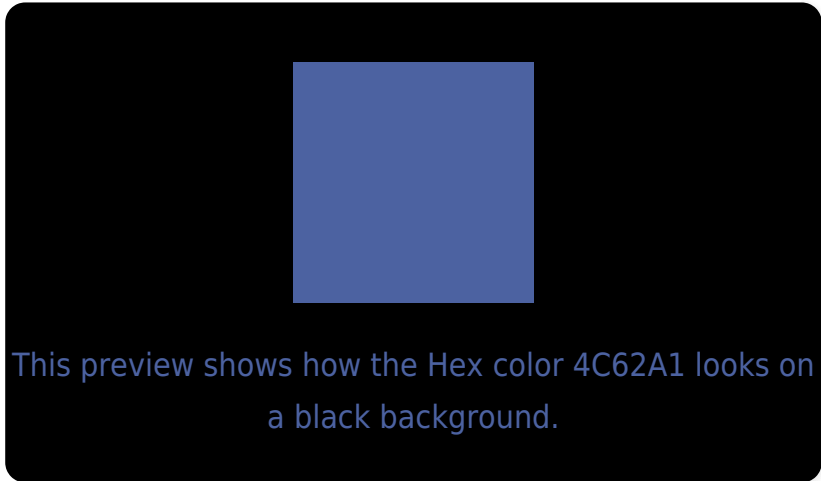
Large Text (above 18pt) WCAG AA ✓ Pass

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

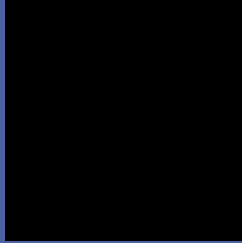
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

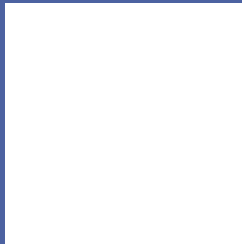
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4C62A1 Background



This preview shows how black text looks on a background with the Hex color 4C62A1.



This preview shows how white text looks on a background with the Hex color 4C62A1.

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

4C62A1

Protanopia

4C62A1

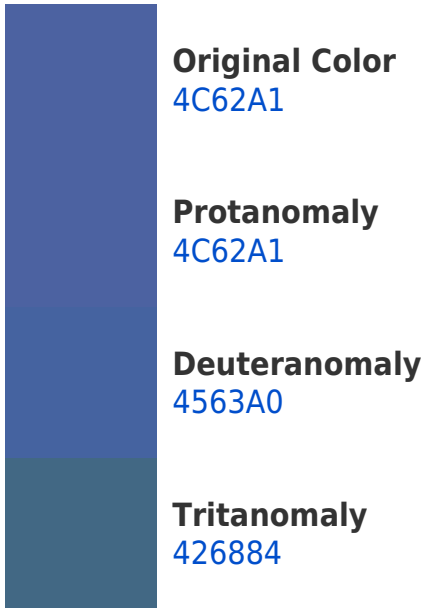
Deuteranopia

4164A0

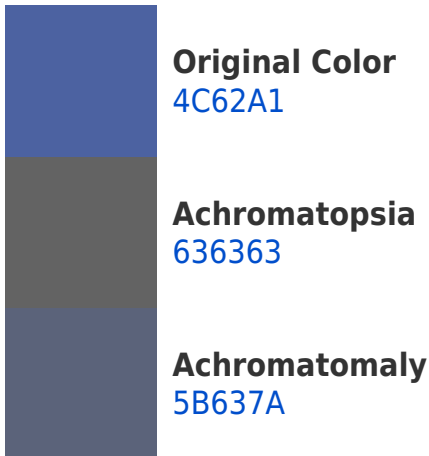


Tritanopia
3D6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C62A1 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 #4C62A1 looks like.

```
.text, #text, p{  
    color:#4C62A1  
}
```

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 #4C62A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C62A1
}
```

Border

The CSS property to change the border of an element to Hex 4C62A1 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
#4C62A1 }
```

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

```
.border{ border-color:#4C62A1 }
```

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

Here you see how a box with a 4 pixel #4C62A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C62A1; -webkit-box-shadow:4px 4px  
4px 4px #4C62A1; box-shadow:4px 4px 4px  
4px #4C62A1 }
```

Background

The CSS property to change the background color of an element to Hex 4C62A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C62A1 }
```

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

```
.background{ background-color:#4C62A1 }
```

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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