

Converting Colors

Hex(4C66A1)

Have a look what the booklet for
Hex(4C66A1) contains.

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Color

Hex(4C66A1)

Conversions

Conversions Part 1

Format	Color
Hex	4C66A1
RGB	76, 102, 161
RGB Percent	30%, 40%, 63%
CMY	0.7020, 0.6000, 0.3686
CMYK	0.53, 0.37, 0.00, 0.37
HSL	222°, 36%, 46%
HSV	222°, 53%, 63%
XYZ	14.1649, 13.6125, 35.5991
YIQ	100.9520, -34.4350, 12.8370

Conversions

Conversions Part 2

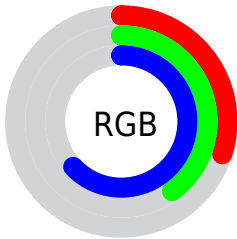
Format	Color
R_{YB}	76, 96, 161
Decimal	5007009
CIE Lab	43.67, 7.88, -34.90
CIE LCh	44, 35.778, 282.731
Yxy	13.6125, 0.2235, 0.2148
Android (android.graphics.Color)	4283197089 (0xFF4C66A1)
YUV	100.9520, 29.6037, -21.8829
Hunter-Lab	36.8951, 3.9640, -31.3809

Details

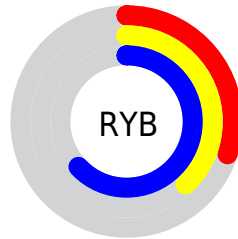
The Hex color **4C66A1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A1874C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8299D8**, and **0F386D** is the 20% darker color. If you saturate the color by 10%, you get **3C5BA1**, and if you desaturate by 10%, it is **5C71A1**.

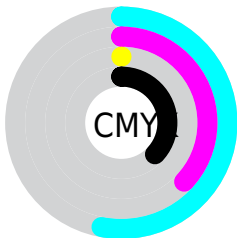
Distribution



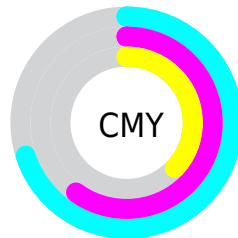
- Red (30%)
- Green (40%)
- Blue (63%)



- Red (30%)
- Yellow (38%)
- Blue (63%)



- Cyan (53%)
- Magenta (37%)
- Yellow (0%)
- Black (37%)



- Cyan (70%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C66A1 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 4C66A1 by changing the saturation by 10% instead.

■ 4C66A1

■ 4C66A1

FFFFFF

■ 304E87

■ 8299D8

■ 0F386D

■ 9EB3F5

■ 002354

■ BACFFF

■ 000D3D

■ D6EBFF

■ 000326

■ F3FFFF

■ 000110

■ 000000

■ 4C66A1

■ 4C66A1

■ 3C5BA1

■ 5C71A1

■ 2C50A1

■ 6C7CA1

■ 1C44A1

■ 7C88A1

■ 0C39A1

■ 8C93A1

■ 0031A1

■ 9C9EA1

■ ADA9A1

■ BDB4A1

■ CDBFA1

■ DDCBA1

Harmonies

Analogous

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



006F9F



4C66A1



7A5A93

Triad

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



4C66A1



995540



1B7555

Complementary

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



4C66A1



A1874C

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.



4C713A



4C66A1



875F2E

Square

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



4C66A1



9F4E5C



6C6A2B



007673

Rectangle

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



4C66A1



8E5383



6C6A2B



30744B

Sweetspot

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



4C66A1



B0BAD1



4CA186



555B69



E8E8E8



696969

Same Dimension

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



4C66A1



4D76D1



5C4CA1



494C52



002C91



000512

Inverse Universe

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



A14C66



D14D76



91A14C



52494C



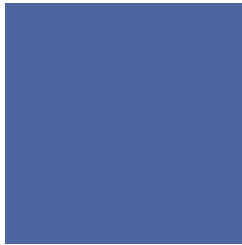
91002C



120005

Previews

White Background



This preview shows how the Hex color 4C66A1 looks on a white background.

Color Contrast Check

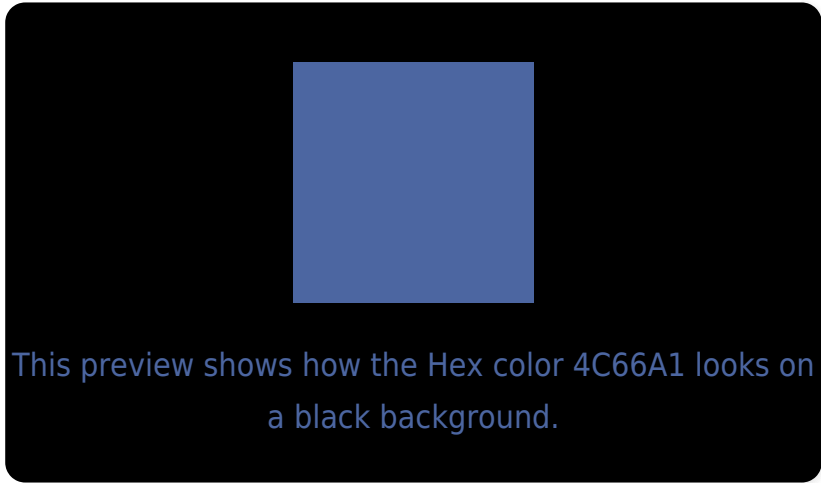
Large Text (above 18pt) WCAG AA ✓ Pass

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

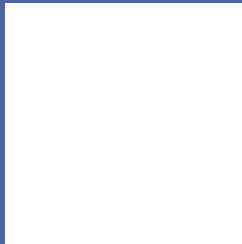
Any Text WCAG AAA × Fail

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

Hex 4C66A1 Background



This preview shows how black text looks on a background with the Hex color 4C66A1.



This preview shows how white text looks on a background with the Hex color 4C66A1.

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

4C66A1

Protanopia

5165A0

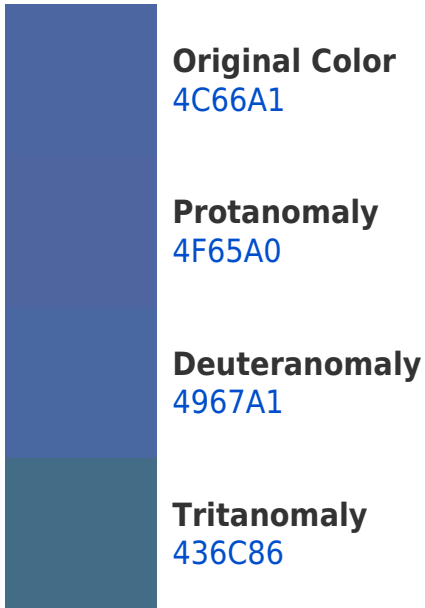
Deuteranopia

4867A1

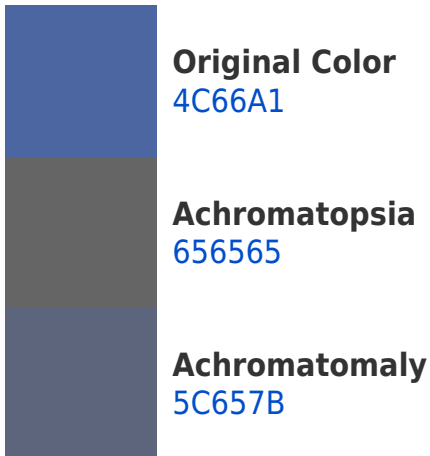


Tritanopia
3E6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C66A1 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 #4C66A1 looks like.

```
.text, #text, p{  
    color:#4C66A1  
}
```

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 #4C66A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C66A1
}
```

Border

The CSS property to change the border of an element to Hex 4C66A1 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
#4C66A1 }
```

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

```
.border{ border-color:#4C66A1 }
```

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

Here you see how a box with a 4 pixel #4C66A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C66A1; -webkit-box-shadow:4px 4px  
4px 4px #4C66A1; box-shadow:4px 4px 4px  
4px #4C66A1 }
```

Background

The CSS property to change the background color of an element to Hex 4C66A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C66A1 }
```

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

```
.background{ background-color:#4C66A1 }
```

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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