

Converting Colors

Hex(4C86B9)

Have a look what the booklet for
Hex(4C86B9) contains.

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Color

Hex(4C86B9)

Conversions

Conversions Part 1

Format	Color
Hex	4C86B9
RGB	76, 134, 185
RGB Percent	30%, 53%, 73%
CMY	0.7020, 0.4745, 0.2745
CMYK	0.59, 0.28, 0.00, 0.27
HSL	208°, 44%, 51%
HSV	208°, 59%, 73%
XYZ	20.2625, 22.0895, 49.0947
YIQ	122.4720, -50.9390, 3.5650

Conversions

Conversions Part 2

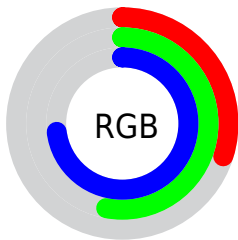
Format	Color
R_{YB}	76, 114, 185
Decimal	5015225
CIE _{Lab}	54.12, -3.56, -32.46
CIE _{LCh}	54, 32.658, 263.745
Yxy	22.0895, 0.2216, 0.2416
Android (android.graphics.Color)	4283205305 (0xFF4C86B9)
YUV	122.4720, 30.8263, -40.7559
Hunter-Lab	46.9994, -5.2936, -29.0335

Details

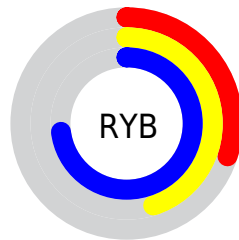
The Hex color **4C86B9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B97F4C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **85BBF1**, and **005584** is the 20% darker color. If you saturate the color by 10%, you get **3A7DB9**, and if you desaturate by 10%, it is **5F8FB9**.

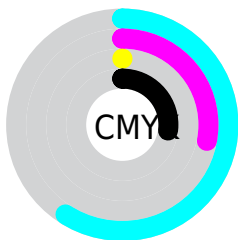
Distribution



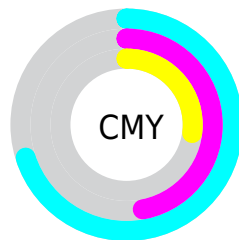
- Red (30%)
- Green (53%)
- Blue (73%)



- Red (30%)
- Yellow (45%)
- Blue (73%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C86B9 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 4C86B9 by changing the saturation by 10% instead.

■ 4C86B9

■ 4C86B9

FFFFFF

■ 2D6D9E

■ 85BBF1

■ 005584

■ A1D7FF

■ 003E6A

■ BEF3FF

■ 002852

■ DBFFFF

■ 00143A

■ F9FFFF

■ 000224

■ 00000C

■ 000000

■ 4C86B9

■ 4C86B9

■ 3A7DB9

■ 5F8FB9

■ 2775B9

■ 7197B9

■ 146CB9

■ 84A0B9

■ 0263B9

■ 96A9B9

■ 0062B9

■ A9B1B9

■ BBBAB9

■ CDC3B9

■ E0CBB9

■ F3D4B9

Harmonies

Analogous

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



068DAE



4C86B9



7C7CB5

Triad

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



4C86B9



B86D6C



5C8D5F

Complementary

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



4C86B9



B97F4C

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.



7D874D



4C86B9



AE7455

Square

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



4C86B9



B46C88



997E49



34907A

Rectangle

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



4C86B9



9575AA



997E49



678B58

Sweetspot

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



4C86B9



C5DCF0



4CB97F



5D6C78



F7F7F7



787878

Same Dimension

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



4C86B9



46A0F0



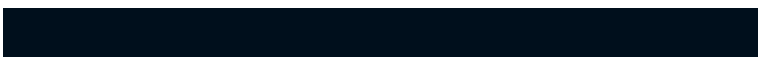
4C50B9



53585C



00539C



000F1C

Inverse Universe

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



B94C86



F046A0



B9B54C



5C5358



9C0053



1C000F

Previews

White Background



This preview shows how the Hex color 4C86B9 looks on a white background.

Color Contrast Check

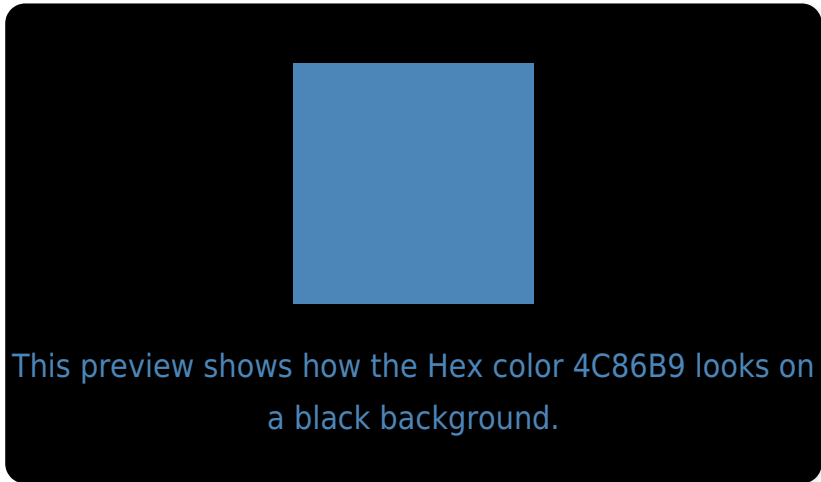
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

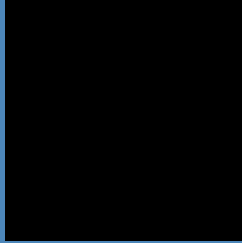
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

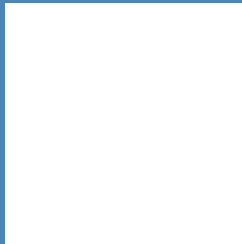
Any Text WCAG AAA × Fail

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

Hex 4C86B9 Background



This preview shows how black text looks on a background with the Hex color 4C86B9.



This preview shows how white text looks on a background with the Hex color 4C86B9.

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](#).

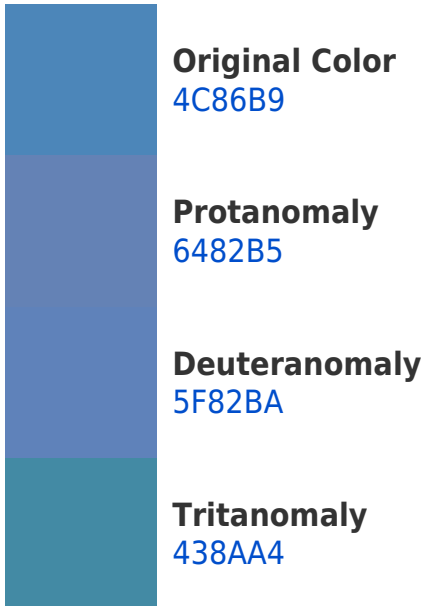
Dichromacy



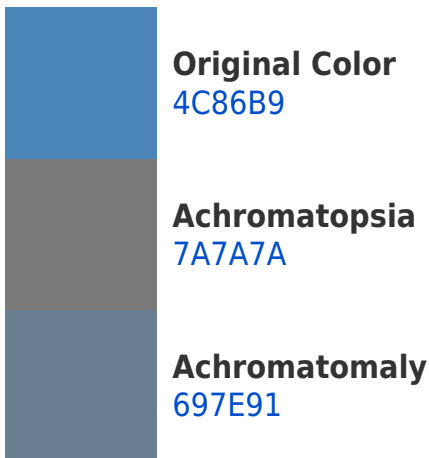


Tritanopia
3E8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C86B9 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 #4C86B9 looks like.

```
.text, #text, p{  
    color:#4C86B9  
}
```

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 #4C86B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C86B9  
}
```

Border

The CSS property to change the border of an element to Hex 4C86B9 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  
#4C86B9 }
```

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

```
.border{ border-color:#4C86B9 }
```

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

Here you see how a box with a 4 pixel #4C86B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C86B9; -webkit-box-shadow:4px 4px  
4px 4px #4C86B9; box-shadow:4px 4px 4px  
4px #4C86B9 }
```

Background

The CSS property to change the background color of an element to Hex 4C86B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C86B9 }
```

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

```
.background{ background-color:#4C86B9 }
```

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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