

Converting Colors

Hex(4B619C)

Have a look what the booklet for
Hex(4B619C) contains.

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Color

Hex(4B619C)

Conversions

Conversions Part 1

Format	Color
Hex	4B619C
RGB	75, 97, 156
RGB Percent	29%, 38%, 61%
CMY	0.7059, 0.6196, 0.3882
CMYK	0.52, 0.38, 0.00, 0.39
HSL	224°, 35%, 45%
HSV	224°, 52%, 61%
XYZ	13.1771, 12.4455, 33.1602
YIQ	97.1480, -32.0510, 13.6850

Conversions

Conversions Part 2

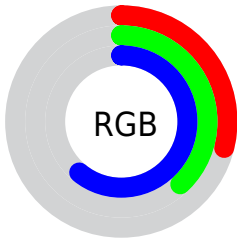
Format	Color
R_{YB}	75, 92, 156
Decimal	4940188
CIE _{Lab}	41.92, 9.14, -34.71
CIE _{LCh}	42, 35.890, 284.760
Y _{xy}	12.4455, 0.2242, 0.2117
Android (android.graphics.Color)	4283130268 (0xFF4B619C)
YUV	97.1480, 29.0140, -19.4238
Hunter-Lab	35.2782, 4.9362, -31.0356

Details

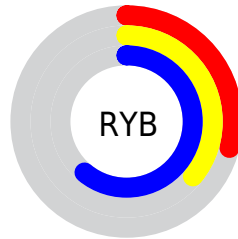
The Hex color **4B619C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C864B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8193D3**, and **0F3368** is the 20% darker color. If you saturate the color by 10%, you get **3B569C**, and if you desaturate by 10%, it is **5B6C9C**.

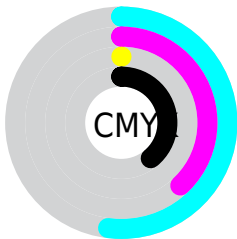
Distribution



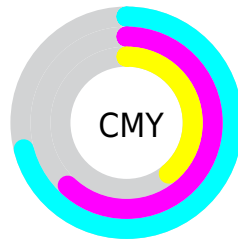
- Red (29%)
- Green (38%)
- Blue (61%)



- Red (29%)
- Yellow (36%)
- Blue (61%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B619C 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 4B619C by changing the saturation by 10% instead.

■ 4B619C

■ 4B619C

FFFFFF

■ 304982

■ 8193D3

■ 0F3368

■ 9CAEEF

■ 001F50

■ B8C9FF

■ 000539

■ D4E5FF

■ 000222

■ F1FFFF

■ 000009

■ 000000

■ 4B619C

■ 4B619C

■ 3B569C

■ 5B6C9C

■ 2C4A9C

■ 6A789C

■ 1C3F9C

■ 7A839C

■ 0D349C

■ 898E9C

■ 002A9C

■ 999A9C

■ A9A59C

■ B8B19C

■ C8BC9C

■ D7C79C

Harmonies

Analogous

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



006A9C



4B619C



78558D

Triad

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



4B619C



93513B



0B7152

Complementary

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



4B619C



9C864B

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.



456D37



4B619C



815C29

Square

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



4B619C



9A4A55



666627



007271

Rectangle

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



4B619C



8B4E7D



666627



277049

Sweetspot

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



4B619C



ABB4CC



4B9C85



535866



E6E6E6



666666

Same Dimension

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



4B619C



4E70CC



5D4B9C



47494F



00278F



00040F

Inverse Universe

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



9C4B61



CC4E70



8A9C4B



4F4749



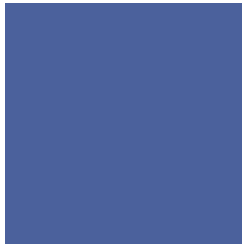
8F0027



0F0004

Previews

White Background



This preview shows how the Hex color 4B619C looks on a white background.

Color Contrast Check

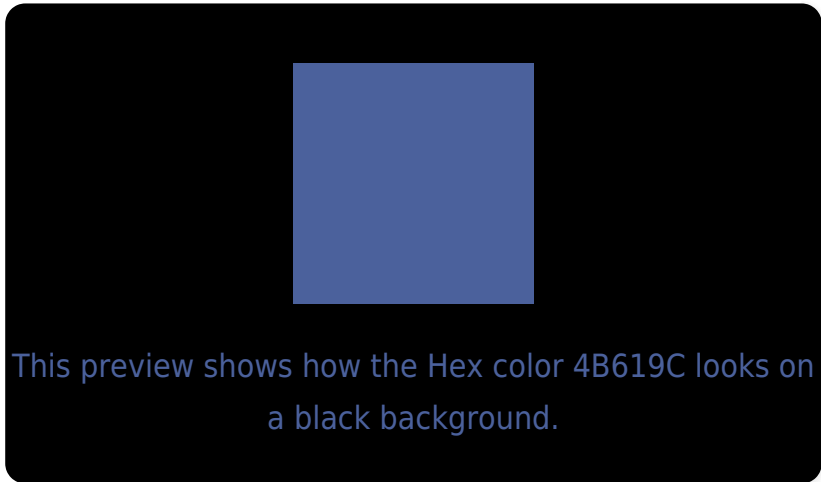
Large Text (above 18pt) WCAG AA ✓ Pass

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

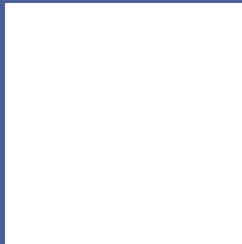
Any Text WCAG AAA × Fail

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

Hex 4B619C Background



This preview shows how black text looks on a background with the Hex color 4B619C.



This preview shows how white text looks on a background with the Hex color 4B619C.

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


4B619C

Protanopia

4C619C

Deuteranopia

43639C



Tritanopia
3D6A72

Trichromacy



Original Color
4B619C

Protanomaly
4C619C

Deuteranomaly
46629C

Tritanomaly
426781

Monochromacy



Original Color
4B619C

Achromatopsia
616161

Achromatomaly
596176

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B619C 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 #4B619C looks like.

```
.text, #text, p{  
    color:#4B619C  
}
```

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 #4B619C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B619C
}
```

Border

The CSS property to change the border of an element to Hex 4B619C 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
#4B619C }
```

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

```
.border{ border-color:#4B619C }
```

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

Here you see how a box with a 4 pixel #4B619C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B619C; -webkit-box-shadow:4px 4px  
4px 4px #4B619C; box-shadow:4px 4px 4px  
4px #4B619C }
```

Background

The CSS property to change the background color of an element to Hex 4B619C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B619C }
```

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

```
.background{ background-color:#4B619C }
```

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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