

Converting Colors

Hex(4B6C95)

Have a look what the booklet for
Hex(4B6C95) contains.

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Color

Hex(4B6C95)

Conversions

Conversions Part 1

Format	Color
Hex	4B6C95
RGB	75, 108, 149
RGB Percent	29%, 42%, 58%
CMY	0.7059, 0.5765, 0.4157
CMYK	0.50, 0.28, 0.00, 0.42
HSL	213°, 33%, 44%
HSV	213°, 50%, 58%
XYZ	13.6890, 14.3909, 30.4900
YIQ	102.8070, -32.8290, 5.7550

Conversions

Conversions Part 2

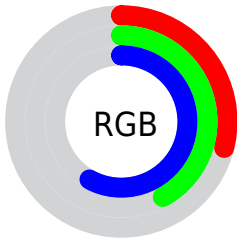
Format	Color
R_{YB}	75, 98, 149
Decimal	4942997
CIE _{Lab}	44.79, 0.07, -26.04
CIE _{LCh}	45, 26.039, 270.153
Yxy	14.3909, 0.2337, 0.2457
Android (android.graphics.Color)	4283133077 (0xFF4B6C95)
YUV	102.8070, 22.7731, -24.3867
Hunter-Lab	37.9353, -1.9749, -21.0988

Details

The Hex color **4B6C95** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95744B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **809FCB**, and **133D62** is the 20% darker color. If you saturate the color by 10%, you get **3C6495**, and if you desaturate by 10%, it is **5A7495**.

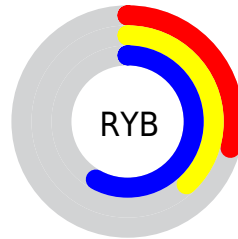
Distribution



Red (29%)

Green (42%)

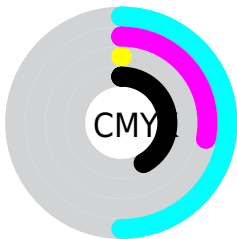
Blue (58%)



Red (29%)

Yellow (38%)

Blue (58%)

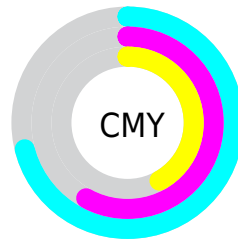


Cyan (50%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6C95 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 4B6C95 by changing the saturation by 10% instead.

■ 4B6C95

■ 4B6C95

FFFFFF

■ 31547B

■ 809FCB

■ 133D62

■ 9BBAE8

■ 00274A

■ B7D6FF

■ 001333

■ D3F2FF

■ 00021E

■ F0FFFF

■ 000000

■ 4B6C95

■ 4B6C95

■ 3C6495

■ 5A7495

■ 2D5B95

■ 697D95

■ 1E5395

■ 788595

■ 0F4B95

■ 878D95

■ 004395

■ 969595

■ 004295

■ A49E95

■ B3A695

■ C2AE95

■ D1B695

Harmonies

Analogous

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



26728F



4B6C95



6D648F

Triad

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



4B6C95



945B55



487454

Complementary

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



4B6C95



95744B

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.



626F44



4B6C95



8A6145

Square

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



4B6C95



93596B



78693E



2B7669

Rectangle

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



4B6C95



7E5F86



78693E



51724D

Sweetspot

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



4B6C95



A5B2C2



4B9574



4F5761



E0E0E0



616161

Same Dimension

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



4B6C95



4E81C2



4F4B95



43464A



003D8A



00050A

Inverse Universe

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



954B6C



C24E81



91954B



4A4346



8A003D



0A0005

Previews

White Background



This preview shows how the Hex color 4B6C95 looks on a white background.

Color Contrast Check

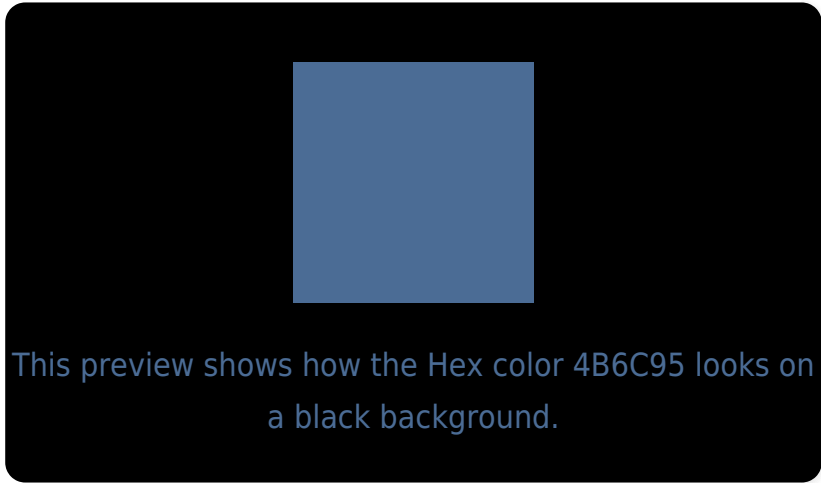
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B6C95 Background



This preview shows how black text looks on a background with the Hex color 4B6C95.

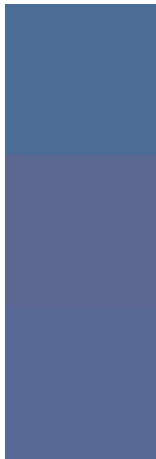


This preview shows how white text looks on a background with the Hex color 4B6C95.

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
4B6C95

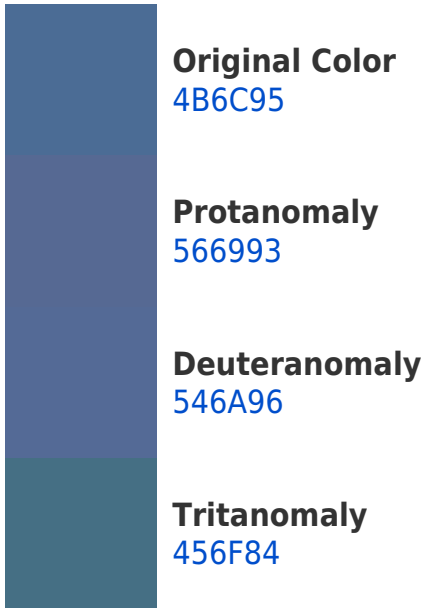
Protanopia
5D6892

Deuteranopia
596996



Tritanopia
42717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6C95 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 #4B6C95 looks like.

```
.text, #text, p{  
    color:#4B6C95  
}
```

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 #4B6C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6C95
}
```

Border

The CSS property to change the border of an element to Hex 4B6C95 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
#4B6C95 }
```

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

```
.border{ border-color:#4B6C95 }
```

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

Here you see how a box with a 4 pixel #4B6C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6C95; -webkit-box-shadow:4px 4px  
4px 4px #4B6C95; box-shadow:4px 4px 4px  
4px #4B6C95 }
```

Background

The CSS property to change the background color of an element to Hex 4B6C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6C95 }
```

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

```
.background{ background-color:#4B6C95 }
```

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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