

Converting Colors

Hex(4B7591)

Have a look what the booklet for
Hex(4B7591) contains.

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Color

Hex(4B7591)

Conversions

Conversions Part 1

Format	Color
Hex	4B7591
RGB	75, 117, 145
RGB Percent	29%, 46%, 57%
CMY	0.7059, 0.5412, 0.4314
CMYK	0.48, 0.19, 0.00, 0.43
HSL	204°, 32%, 43%
HSV	204°, 48%, 57%
XYZ	14.3738, 16.2628, 29.1695
YIQ	107.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

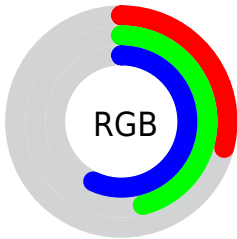
Format	Color
R_{YB}	75, 101, 145
Decimal	4945297
CIE _{Lab}	47.32, -6.53, -19.76
CIE _{LCh}	47, 20.813, 251.709
Yxy	16.2628, 0.2403, 0.2719
Android (android.graphics.Color)	4283135377 (0xFF4B7591)
YUV	107.6340, 18.4214, -28.6200
Hunter-Lab	40.3271, -6.9498, -14.6568

Details

The Hex color **4B7591** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91674B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **80A9C7**, and **14455E** is the 20% darker color. If you saturate the color by 10%, you get **3D6F91**, and if you desaturate by 10%, it is **5A7B91**.

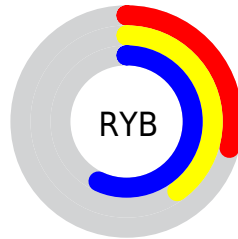
Distribution



Red (29%)

Green (46%)

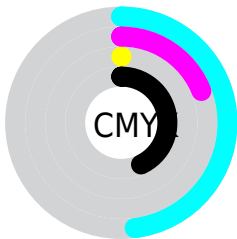
Blue (57%)



Red (29%)

Yellow (40%)

Blue (57%)

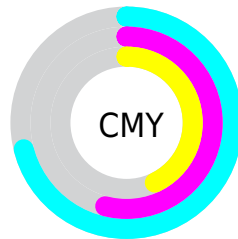


Cyan (48%)

Magenta (19%)

Yellow (0%)

Black (43%)



Cyan (71%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7591 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 4B7591 by changing the saturation by 10% instead.

■ 4B7591

■ 4B7591

FFFFFF

■ 315C77

■ 80A9C7

■ 14455E

■ 9BC4E3

■ 002F47

■ B6E0FF

■ 001A30

■ D3FDFF

■ 00011B

■ F0FFFF

■ 000000

■ 4B7591

■ 4B7591

■ 3D6F91

■ 5A7B91

■ 2E6991

■ 688191

■ 1F6491

■ 768691

■ 115E91

■ 858C91

■ 025891

■ 939291

■ 005791

■ A29891

■ B19E91

■ BFA391

■ CEA991

Harmonies

Analogous

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



3B7987



4B7591



647092

Triad

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



4B7591



93636A



627656

Complementary

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



4B7591



91674B

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.



76714E



4B7591



91665A

Square

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



4B7591



8C657C



866B4F



4E7965

Rectangle

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



4B7591



746B8E



866B4F



697552

Sweetspot

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



4B7591



A2B2BD



4B9167



4E585E



DEDEDE



5E5E5E

Same Dimension

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



4B7591



4F91BD



4B5291



404547



005187



000508

Inverse Universe

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



914B75



BD4F91



918A4B



474045



870051



080005

Previews

White Background



This preview shows how the Hex color 4B7591 looks on a white background.

Color Contrast Check

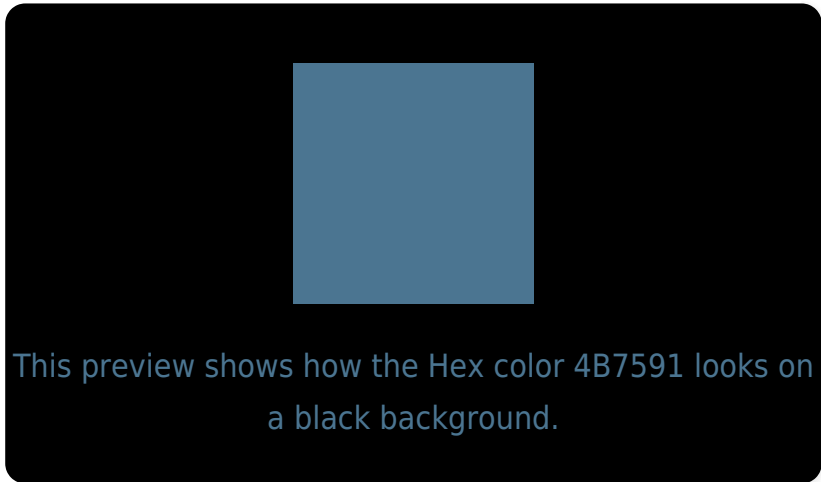
Large Text (above 18pt) WCAG AA ✓ Pass

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

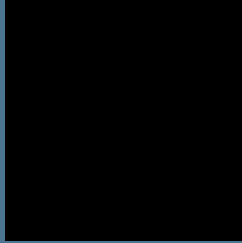
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

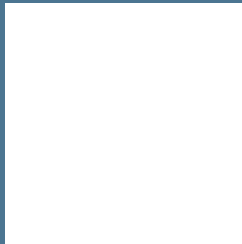
Any Text WCAG AAA × Fail

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

Hex 4B7591 Background



This preview shows how black text looks on a background with the Hex color 4B7591.

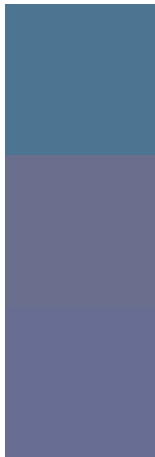


This preview shows how white text looks on a background with the Hex color 4B7591.

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
4B7591

Protanopia
696F8C

Deuteranopia
686E93



Tritanopia
467881

Trichromacy



Original Color
4B7591

Protanomaly
5E718E

Deuteranomaly
5D7192

Tritanomaly
487787

Monochromacy



Original Color
4B7591

Achromatopsia
6C6C6C

Achromatomaly
606F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7591 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 #4B7591 looks like.

```
.text, #text, p{  
    color:#4B7591  
}
```

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 #4B7591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7591
}
```

Border

The CSS property to change the border of an element to Hex 4B7591 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
#4B7591 }
```

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

```
.border{ border-color:#4B7591 }
```

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

Here you see how a box with a 4 pixel #4B7591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7591; -webkit-box-shadow:4px 4px  
4px 4px #4B7591; box-shadow:4px 4px 4px  
4px #4B7591 }
```

Background

The CSS property to change the background color of an element to Hex 4B7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7591 }
```

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

```
.background{ background-color:#4B7591 }
```

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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