

Converting Colors

Hex(6B7299)

Have a look what the booklet for
Hex(6B7299) contains.

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Color

Hex(6B7299)

Conversions

Conversions Part 1

Format	Color
Hex	6B7299
RGB	107, 114, 153
RGB Percent	42%, 45%, 60%
CMY	0.5804, 0.5529, 0.4000
CMYK	0.30, 0.25, 0.00, 0.40
HSL	231°, 18%, 51%
HSV	231°, 30%, 60%
XYZ	17.8305, 17.4603, 32.5674
YIQ	116.3530, -16.6910, 10.6450

Conversions

Conversions Part 2

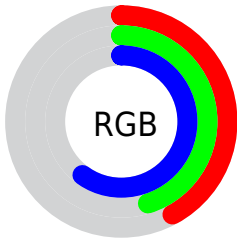
Format	Color
R_{YB}	107, 113, 153
Decimal	7041689
CIE _{Lab}	48.83, 6.77, -21.97
CIE _{LCh}	49, 22.988, 287.120
Yxy	17.4603, 0.2628, 0.2573
Android (android.graphics.Color)	4285231769 (0xFF6B7299)
YUV	116.3530, 18.0670, -8.2026
Hunter-Lab	41.7856, 3.0437, -16.9604

Details

The Hex color **6B7299** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99926B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9FA6CF**, and **3A4266** is the 20% darker color. If you saturate the color by 10%, you get **5C6599**, and if you desaturate by 10%, it is **7A7F99**.

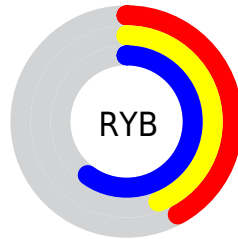
Distribution



Red (42%)

Green (45%)

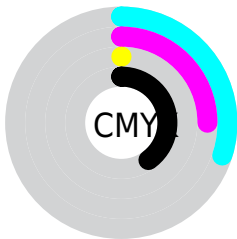
Blue (60%)



Red (42%)

Yellow (44%)

Blue (60%)

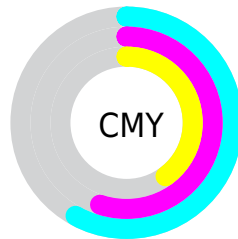


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7299 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 6B7299 by changing the saturation by 10% instead.

■ 6B7299

■ 6B7299

FFFFFF

■ 525A7F

■ 9FA6CF

■ 3A4266

■ BBC1EC

■ 222C4E

■ D7DDFF

■ 091837

■ F3F9FF

■ 000121

■ 000007

■ 000000

■ 6B7299

■ 6B7299

■ 5C6599

■ 7A7F99

■ 4C5899

■ 8A8C99

■ 3D4B99

■ 999999

■ 2E3E99

■ A8A699

■ 1E3199

■ B8B399

■ 0F2499

■ C7C099

■ 001799

■ D6CD99

■ E5DA99

■ F5E799

Harmonies

Analogous

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



4E7899



6B7299



846B8F

Triad

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



6B7299



966A58



4A7E6B

Complementary

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



6B7299



99926B

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.



607B59



6B7299



89704E

Square

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



6B7299



9B6669



76764F



387F7F

Rectangle

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



6B7299



916884



76764F



517D64

Sweetspot

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



6B7299



B5B8C7



6B9991



595A63



E3E3E3



636363

Same Dimension

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



6B7299



7F8AC7



7A6B99



45464D



00158C



00020D

Inverse Universe

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



996B72



C77F8A



8A996B



4D4546



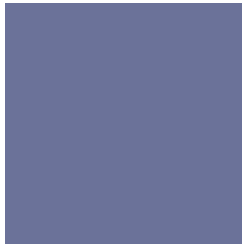
8C0015



0D0002

Previews

White Background



This preview shows how the Hex color 6B7299 looks on a white background.

Color Contrast Check

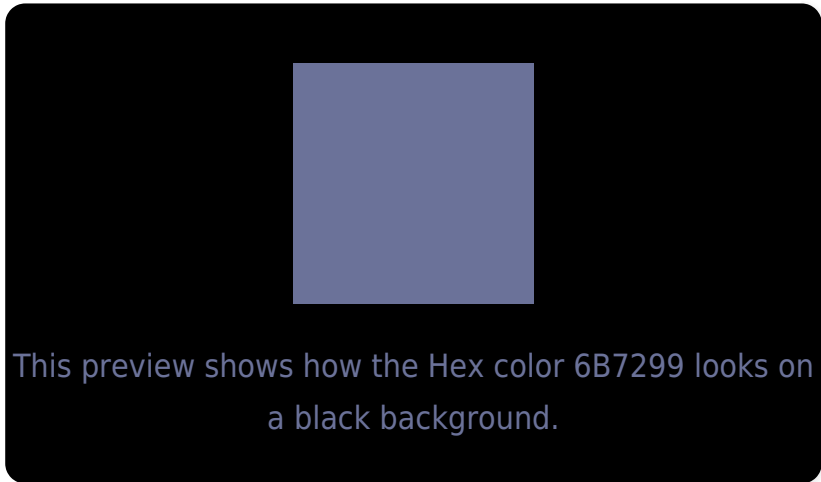
Large Text (above 18pt) WCAG AA ✓ Pass

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

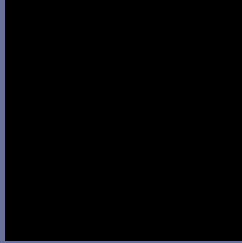
Any Text WCAG AA × Fail

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 6B7299 Background



This preview shows how black text looks on a background with the Hex color 6B7299.



This preview shows how white text looks on a background with the Hex color 6B7299.

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
6B7299

Protanopia
697299

Deuteranopia
6B7299



Tritanopia
667780

Trichromacy



Original Color
6B7299

Protanomaly
6A7299

Deuteranomaly
6B7299

Tritanomaly
687589

Monochromacy



Original Color
6B7299

Achromatopsia
747474

Achromatomaly
717381

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7299 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 #6B7299 looks like.

```
.text, #text, p{  
    color:#6B7299  
}
```

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 #6B7299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7299
}
```

Border

The CSS property to change the border of an element to Hex 6B7299 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
#6B7299 }
```

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

```
.border{ border-color:#6B7299 }
```

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

Here you see how a box with a 4 pixel #6B7299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7299; -webkit-box-shadow:4px 4px  
4px 4px #6B7299; box-shadow:4px 4px 4px  
4px #6B7299 }
```

Background

The CSS property to change the background color of an element to Hex 6B7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7299 }
```

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

```
.background{ background-color:#6B7299 }
```

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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