

Converting Colors

Hex(6A7F9D)

Have a look what the booklet for
Hex(6A7F9D) contains.

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Color

Hex(6A7F9D)

Conversions

Conversions Part 1

Format	Color
Hex	6A7F9D
RGB	106, 127, 157
RGB Percent	42%, 50%, 62%
CMY	0.5843, 0.5020, 0.3843
CMYK	0.32, 0.19, 0.00, 0.38
HSL	215°, 21%, 52%
HSV	215°, 32%, 62%
XYZ	19.6190, 20.6772, 34.8554
YIQ	124.1410, -22.1460, 4.8780

Conversions

Conversions Part 2

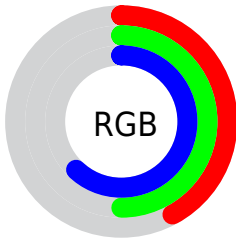
Format	Color
R_{YB}	106, 121, 157
Decimal	6979485
CIE _{Lab}	52.59, -0.17, -18.55
CIE _{LCh}	53, 18.549, 269.472
Yxy	20.6772, 0.2611, 0.2751
Android (android.graphics.Color)	4285169565 (0xFF6A7F9D)
YUV	124.1410, 16.1995, -15.9097
Hunter-Lab	45.4722, -2.5624, -13.6164

Details

The Hex color **6A7F9D** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9D886A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9FB4D4**, and **384E6A** is the 20% darker color. If you saturate the color by 10%, you get **5A769D**, and if you desaturate by 10%, it is **7A889D**.

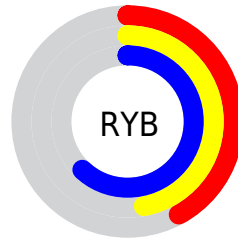
Distribution



Red (42%)

Green (50%)

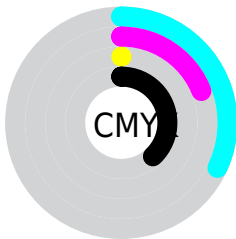
Blue (62%)



Red (42%)

Yellow (47%)

Blue (62%)

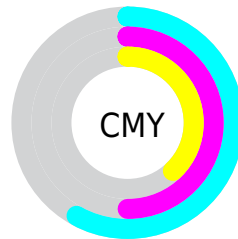


Cyan (32%)

Magenta (19%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7F9D 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 6A7F9D by changing the saturation by 10% instead.

■ 6A7F9D

■ 6A7F9D

FFFFFF

■ 516683

■ 9FB4D4

■ 384E6A

■ BACFF0

■ 203751

■ D6EBFF

■ 06223A

■ F3FFFF

■ 000C25

■ 00010E

■ 000000

■ 6A7F9D

■ 6A7F9D

■ 5A769D

■ 7A889D

■ 4B6D9D

■ 89919D

■ 3B639D

■ 999B9D

■ 2B5A9D

■ A9A49D

■ 1B519D

■ B9AD9D

■ 0C489D

■ C8B69D

■ 00419D

■ D8C09D

■ E8C99D

■ F7D29D

Harmonies

Analogous

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



578398



6A7F9D



807A99

Triad

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



6A7F9D



9E736F



66856D

Complementary

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



6A7F9D



9D886A

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.



798162



6A7F9D



977763

Square

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



6A7F9D



9C727E



8A7C5E



57877D

Rectangle

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



6A7F9D



8D7692



8A7C5E



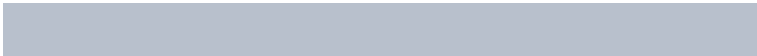
6C8468

Sweetspot

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



6A7F9D



B8C0CC



6A9D88



5A5F66



E6E6E6



666666

Same Dimension

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



6A7F9D



7C9DCC



6E6A9D



474A4F



003B8F



00060F

Inverse Universe

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



9D6A7F



CC7C9D



999D6A



4F474A



8F003B



0F0006

Previews

White Background



This preview shows how the Hex color 6A7F9D looks on a white background.

Color Contrast Check

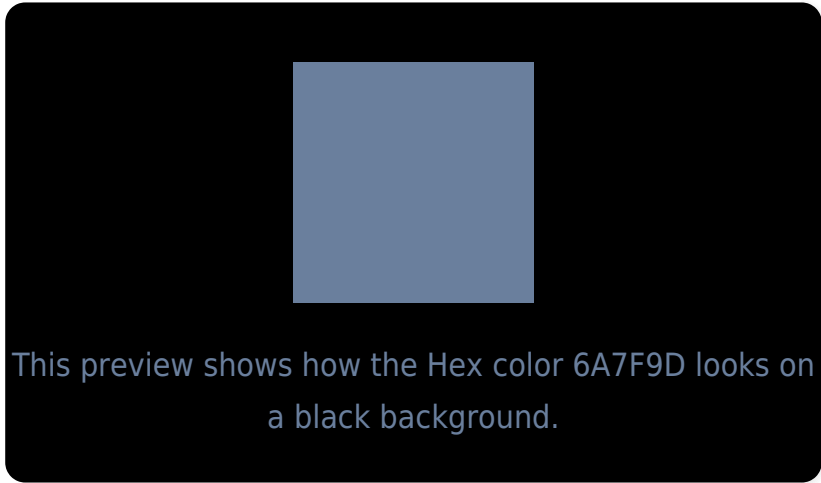
Large Text (above 18pt) WCAG AA ✓ Pass

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

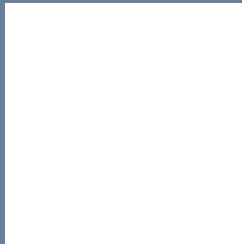
Any Text WCAG AAA × Fail

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

Hex 6A7F9D Background



This preview shows how black text looks on a background with the Hex color 6A7F9D.

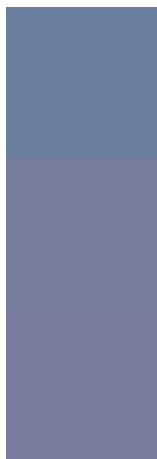


This preview shows how white text looks on a background with the Hex color 6A7F9D.

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
6A7F9D

Protanopia
767C9B

Deuteranopia
787B9E



Tritanopia
66828C

Trichromacy



Original Color
6A7F9D

Protanomaly
727D9C

Deuteranomaly
737C9E

Tritanomaly
678192

Monochromacy



Original Color
6A7F9D

Achromatopsia
7C7C7C

Achromatomaly
757D88

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7F9D 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 #6A7F9D looks like.

```
.text, #text, p{  
    color:#6A7F9D  
}
```

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 #6A7F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7F9D
}
```

Border

The CSS property to change the border of an element to Hex 6A7F9D 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
#6A7F9D }
```

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

```
.border{ border-color:#6A7F9D }
```

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

Here you see how a box with a 4 pixel #6A7F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7F9D; -webkit-box-shadow:4px 4px  
4px 4px #6A7F9D; box-shadow:4px 4px 4px  
4px #6A7F9D }
```

Background

The CSS property to change the background color of an element to Hex 6A7F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7F9D }
```

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

```
.background{ background-color:#6A7F9D }
```

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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