

Converting Colors

Hex(6971A9)

Have a look what the booklet for
Hex(6971A9) contains.

Hex(6971A9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6971A9)

Conversions

Conversions Part 1

Format	Color
Hex	6971A9
RGB	105, 113, 169
RGB Percent	41%, 44%, 66%
CMY	0.5882, 0.5569, 0.3373
CMYK	0.38, 0.33, 0.00, 0.34
HSL	232°, 27%, 54%
HSV	232°, 38%, 66%
XYZ	18.8923, 17.6781, 39.9526
YIQ	116.9920, -22.7440, 15.7200

Conversions

Conversions Part 2

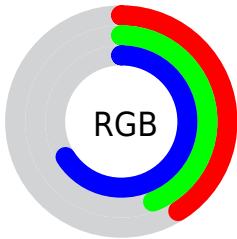
Format	Color
R_{YB}	105, 112, 169
Decimal	6910377
CIE _{Lab}	49.10, 11.18, -30.94
CIE _{LCh}	49, 32.895, 289.873
Yxy	17.6781, 0.2469, 0.2310
Android (android.graphics.Color)	4285100457 (0xFF6971A9)
YUV	116.9920, 25.6399, -10.5170
Hunter-Lab	42.0453, 6.6263, -26.9072

Details

The Hex color **6971A9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9A169**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9EA5E0**, and **364175** is the 20% darker color. If you saturate the color by 10%, you get **5862A9**, and if you desaturate by 10%, it is **7A80A9**.

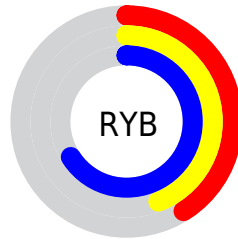
Distribution



Red (41%)

Green (44%)

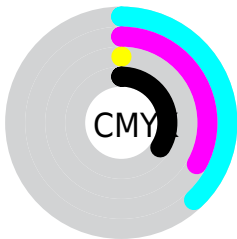
Blue (66%)



Red (41%)

Yellow (44%)

Blue (66%)

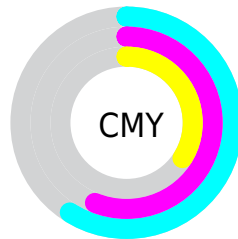


Cyan (38%)

Magenta (33%)

Yellow (0%)

Black (34%)



Cyan (59%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6971A9 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 6971A9 by changing the saturation by 10% instead.

■ 6971A9

■ 6971A9

FFFFFF

■ 4F598E

■ 9EA5E0

■ 364175

■ BAC0FD

■ 1B2C5C

■ D6DCFF

■ 001744

■ F3F8FF

■ 00002D

■ 000118

■ 000000

■ 6971A9

■ 6971A9

■ 5862A9

■ 7A80A9

■ 4753A9

■ 8B8FA9

■ 3645A9

■ 9C9DA9

■ 2536A9

■ ADACA9

■ 1527A9

■ BDBBA9

■ 0418A9

■ CECAA9

■ 0015A9

■ DFD9A9

■ F0E7A9

■ FFF6A9

Harmonies

Analogous

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



347AAB



6971A9



8E6799

Triad

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



6971A9



A2664B



2A836A

Complementary

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



6971A9



A9A169

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.



547F50



6971A9



8E703D

Square

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



6971A9



AA5F63



74793F



008387

Rectangle

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



6971A9



9F6188



74793F



3A8261

Sweetspot

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



6971A9



C3C6DB



69A9A0



5F616E



EDEDED



6E6E6E

Same Dimension

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



6971A9



7985DB



8069A9



4C4D54



001294



000314

Inverse Universe

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



A96971



DB7985



92A969



544C4D



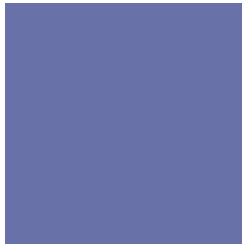
940012



140003

Previews

White Background



This preview shows how the Hex color 6971A9 looks on a white background.

Color Contrast Check

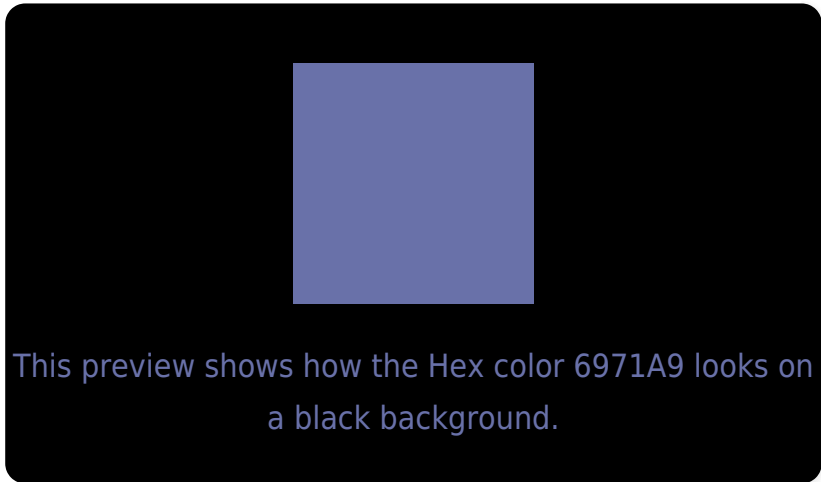
Large Text (above 18pt) WCAG AA ✓ Pass

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

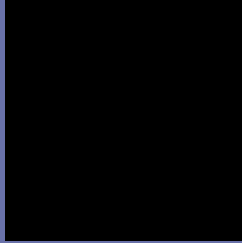
Any Text WCAG AA ✓ Pass

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 6971A9 Background



This preview shows how black text looks on a background with the Hex color 6971A9.



This preview shows how white text looks on a background with the Hex color 6971A9.

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
6971A9

Protanopia
6273AA

Deuteranopia
6074A8



Tritanopia
607982

Trichromacy



Original Color
6971A9

Protanomaly
6572AA

Deuteranomaly
6373A8

Tritanomaly
637690

Monochromacy



Original Color
6971A9

Achromatopsia
757575

Achromatomaly
717488

CSS Examples

Text

The CSS property to change the color of the text to Hex 6971A9 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 #6971A9 looks like.

```
.text, #text, p{  
    color:#6971A9  
}
```

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 #6971A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6971A9
}
```

Border

The CSS property to change the border of an element to Hex 6971A9 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
#6971A9 }
```

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

```
.border{ border-color:#6971A9 }
```

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

Here you see how a box with a 4 pixel #6971A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6971A9; -webkit-box-shadow:4px 4px  
4px 4px #6971A9; box-shadow:4px 4px 4px  
4px #6971A9 }
```

Background

The CSS property to change the background color of an element to Hex 6971A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6971A9 }
```

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

```
.background{ background-color:#6971A9 }
```

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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