

Converting Colors

Hex(6C71A2)

Have a look what the booklet for
Hex(6C71A2) contains.

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Color

Hex(6C71A2)

Conversions

Conversions Part 1

Format	Color
Hex	6C71A2
RGB	108, 113, 162
RGB Percent	42%, 44%, 64%
CMY	0.5765, 0.5569, 0.3647
CMYK	0.33, 0.30, 0.00, 0.36
HSL	234°, 22%, 53%
HSV	234°, 33%, 64%
XYZ	18.6111, 17.6070, 36.6000
YIQ	117.0910, -18.7090, 14.1790

Conversions

Conversions Part 2

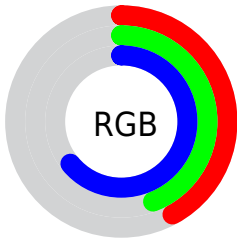
Format	Color
R_{YB}	108, 113, 162
Decimal	7106978
CIE _{Lab}	49.02, 10.10, -26.96
CIE _{LCh}	49, 28.795, 290.541
Yxy	17.6070, 0.2556, 0.2418
Android (android.graphics.Color)	4285297058 (0xFF6C71A2)
YUV	117.0910, 22.1401, -7.9728
Hunter-Lab	41.9607, 5.7397, -22.3428

Details

The Hex color **6C71A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A29D6C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A1A5D9**, and **3A416E** is the 20% darker color. If you saturate the color by 10%, you get **5C62A2**, and if you desaturate by 10%, it is **7C80A2**.

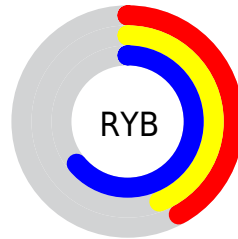
Distribution



Red (42%)

Green (44%)

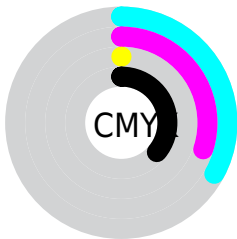
Blue (64%)



Red (42%)

Yellow (44%)

Blue (64%)

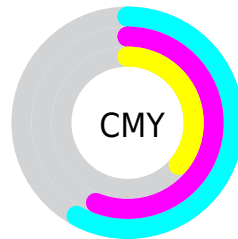


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C71A2 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 6C71A2 by changing the saturation by 10% instead.



6C71A2



6C71A2

FFFFFF



535988



A1A5D9



3A416E



BCC0F6



212B56



D9DCFF



05173E



F5F8FF



000028



000112



000000



6C71A2



6C71A2



5C62A2



7C80A2

■ 4C54A2

■ 8C8EA2

■ 3B45A2

■ 9D9DA2

■ 2B36A2

■ ADACA2

■ 1B28A2

■ BDBBA2

■ 0B19A2

■ CDC9A2

■ 000FA2

■ DDD8A2

■ EEE7A2

■ FEF5A2

Harmonies

Analogous

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



4379A4



6C71A2



8C6894

Triad

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



6C71A2



9D6850



38816C

Complementary

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



6C71A2



A29D6C

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.



587E55



6C71A2



8B7044

Square

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



6C71A2



A46265



747846



128185

Rectangle

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



6C71A2



9A6485



747846



438063

Sweetspot

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



6C71A2



BEC0D4



6CA29D



5E5F6B



EBEBEB



6B6B6B

Same Dimension

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



6C71A2



7F87D4



826CA2



494A52



000D91



000212

Inverse Universe

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



A26C71



D47F87



8CA26C



52494A



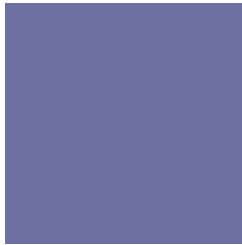
91000D



120002

Previews

White Background



This preview shows how the Hex color 6C71A2 looks on a white background.

Color Contrast Check

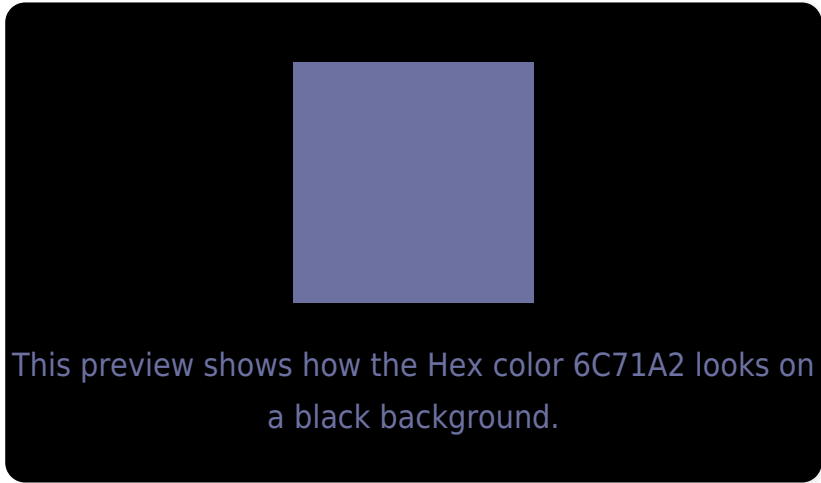
Large Text (above 18pt) WCAG AA ✓ Pass

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

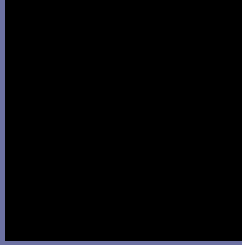
Any Text WCAG AA ✓ Pass

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 6C71A2 Background



This preview shows how black text looks on a background with the Hex color 6C71A2.



This preview shows how white text looks on a background with the Hex color 6C71A2.

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
6C71A2

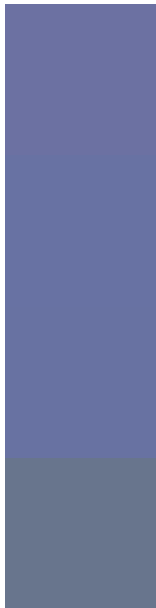
Protanopia
6573A3

Deuteranopia
6573A2



Tritanopia
657781

Trichromacy



Original Color
6C71A2

Protanomaly
6872A3

Deuteranomaly
6872A2

Tritanomaly
68758D

Monochromacy



Original Color
6C71A2

Achromatopsia
757575

Achromatomaly
727485

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C71A2 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 #6C71A2 looks like.

```
.text, #text, p{  
    color:#6C71A2  
}
```

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 #6C71A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C71A2
}
```

Border

The CSS property to change the border of an element to Hex 6C71A2 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
#6C71A2 }
```

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

```
.border{ border-color:#6C71A2 }
```

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

Here you see how a box with a 4 pixel #6C71A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C71A2; -webkit-box-shadow:4px 4px  
4px 4px #6C71A2; box-shadow:4px 4px 4px  
4px #6C71A2 }
```

Background

The CSS property to change the background color of an element to Hex 6C71A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C71A2 }
```

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

```
.background{ background-color:#6C71A2 }
```

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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