

# Converting Colors

Hex(6E70A5)

Have a look what the booklet for  
Hex(6E70A5) contains.

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# Color

Hex(6E70A5)

# Conversions

## Conversions Part 1

Format	Color
Hex	6E70A5
RGB	110, 112, 165
RGB Percent	43%, 44%, 65%
CMY	0.5686, 0.5608, 0.3529
CMYK	0.33, 0.32, 0.00, 0.35
HSL	238°, 23%, 54%
HSV	238°, 33%, 65%
XYZ	19.0161, 17.6200, 37.9960
YIQ	117.4440, -18.2050, 16.0590

# Conversions

## Conversions Part 2

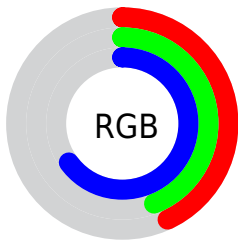
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 112, 165
Decimal	7237797
CIE <sub>Lab</sub>	49.03, 12.13, -28.68
CIE <sub>LCh</sub>	49, 31.141, 292.918
Yxy	17.6200, 0.2548, 0.2361
Android (android.graphics.Color)	4285427877 (0xFF6E70A5)
YUV	117.4440, 23.4451, -6.5284
Hunter-Lab	41.9761, 7.4062, -24.2850

# Details

The Hex color **6E70A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5A36E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A3A4DC**, and **3C4071** is the 20% darker color. If you saturate the color by 10%, you get **5D60A5**, and if you desaturate by 10%, it is **7E80A5**.

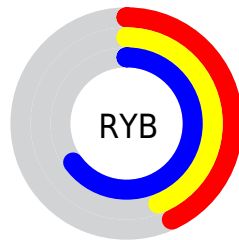
# Distribution



Red (43%)

Green (44%)

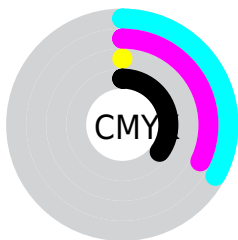
Blue (65%)



Red (43%)

Yellow (44%)

Blue (65%)

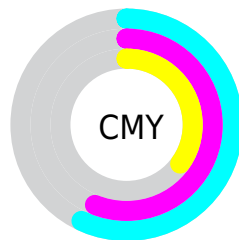


Cyan (33%)

Magenta (32%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (56%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E70A5 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 6E70A5 by changing the saturation by 10% instead.



■ 6E70A5

■ 6E70A5

FFFFFF

■ 55588B

■ A3A4DC

■ 3C4071

■ BFBFF9

■ 232B58

■ DBDAFF

■ 071640

■ F8F7FF

■ 00002A

■ 000114

■ 000000

■ 6E70A5

■ 6E70A5

■ 5D60A5

■ 7E80A5

■ 4D50A5

■ 8F90A5

■ 3D40A5

■ 9FA0A5

■ 2C30A5

■ B0B0A5

■ 1C20A5

■ C1BFA5

■ 0B11A5

■ D1CFA5

■ 0006A5

■ E2DFA5

■ F2EFA5

■ FFFFA5

# Harmonies

## Analogous

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



4079A8



6E70A5



906695

# Triad

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



6E70A5



9E684B



2C826D

# Complementary

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



6E70A5



A5A36E

# 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.



527F54



6E70A5



8B7140

# Square

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



6E70A5



A76161



717943



008288

# Rectangle

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



6E70A5



9E6285



717943



3A8164



# Sweetspot

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



6E70A5



C1C2D6



6EA5A2



5E5F6B



EBEBEB



6B6B6B



# Same Dimension

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



6E70A5



8184D6



876EA5



494A52



000591



000112



# Inverse Universe

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



A56E70



D68184



8CA56E



52494A



910005

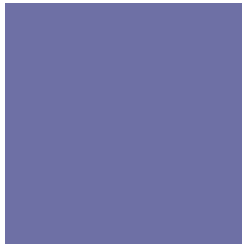


120001



# Previews

## White Background



This preview shows how the Hex color 6E70A5 looks on a white background.

## Color Contrast Check

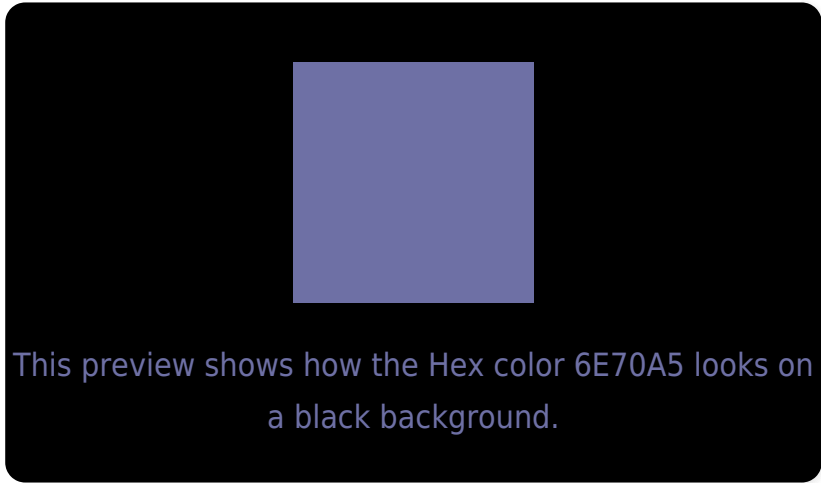
Large Text (above 18pt) WCAG AA ✓ Pass

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

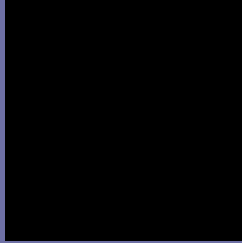
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6E70A5 Background



This preview shows how black text looks on a background with the Hex color 6E70A5.



This preview shows how white text looks on a background with the Hex color 6E70A5.

# 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**  
6E70A5

**Protanopia**  
6473A7

**Deuteranopia**  
6373A4



**Tritanopia**  
667781

# Trichromacy



**Original Color**  
6E70A5

**Protanomaly**  
6872A6

**Deuteranomaly**  
6772A4

**Tritanomaly**  
69748E

# Monochromacy



**Original Color**  
6E70A5

**Achromatopsia**  
757575

**Achromatomaly**  
727386

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E70A5 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 #6E70A5 looks like.

```
.text, #text, p{  
    color:#6E70A5  
}
```

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 #6E70A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E70A5
}
```

## Border

The CSS property to change the border of an element to Hex 6E70A5 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
#6E70A5 }
```

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

```
.border{ border-color:#6E70A5 }
```

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

Here you see how a box with a 4 pixel #6E70A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E70A5; -webkit-box-shadow:4px 4px  
4px 4px #6E70A5; box-shadow:4px 4px 4px  
4px #6E70A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6E70A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E70A5 }
```

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

```
.background{ background-color:#6E70A5 }
```

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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