

Converting Colors

Hex(6A76AC)

Have a look what the booklet for
Hex(6A76AC) contains.

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Color

Hex(6A76AC)

Conversions

Conversions Part 1

Format	Color
Hex	6A76AC
RGB	106, 118, 172
RGB Percent	42%, 46%, 67%
CMY	0.5843, 0.5373, 0.3255
CMYK	0.38, 0.31, 0.00, 0.33
HSL	229°, 28%, 55%
HSV	229°, 38%, 67%
XYZ	19.8687, 18.9996, 41.6498
YIQ	120.5680, -24.4860, 14.2500

Conversions

Conversions Part 2

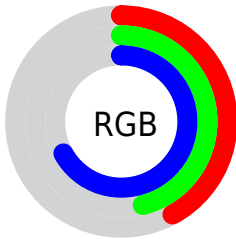
Format	Color
R_{YB}	106, 116, 172
Decimal	6977196
CIE _{Lab}	50.69, 9.30, -30.21
CIE _{LCh}	51, 31.605, 287.113
Yxy	18.9996, 0.2468, 0.2360
Android (android.graphics.Color)	4285167276 (0xFF6A76AC)
YUV	120.5680, 25.3560, -12.7761
Hunter-Lab	43.5885, 5.0846, -26.1410

Details

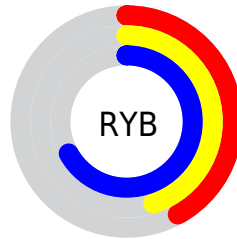
The Hex color **6A76AC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACA06A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FAAE4**, and **374677** is the 20% darker color. If you saturate the color by 10%, you get **5968AC**, and if you desaturate by 10%, it is **7B84AC**.

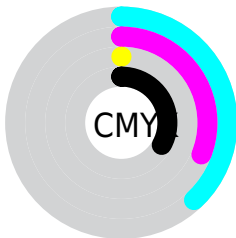
Distribution



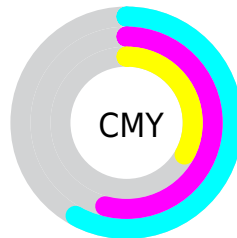
- Red (42%)
- Green (46%)
- Blue (67%)



- Red (42%)
- Yellow (45%)
- Blue (67%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A76AC 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 6A76AC by changing the saturation by 10% instead.

■ 6A76AC

■ 6A76AC

FFFFFF

■ 505D91

■ 9FAAE4

■ 374677

■ BBC5FF

■ 1C305E

■ D7E1FF

■ 001B46

■ F4FEFF

■ 000030

■ 00011A

■ 000000

■ 6A76AC

■ 6A76AC

■ 5968AC

■ 7B84AC

■ 485AAC

■ 8C92AC

■ 364CAC

■ 9EA0AC

■ 253EAC

■ AFAEAC

■ 1430AC

■ C0BCAC

■ 0322AC

■ D1CAAC

■ 001FAC

■ E2D9AC

■ F4E7AC

■ FFF5AC

Harmonies

Analogous

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



397FAD



6A76AC



8F6C9E

Triad

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



6A76AC



A66A52



38866C

Complementary

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



6A76AC



ACA06A

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.



5C8253



6A76AC



947344

Square

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



6A76AC



AD646A



7B7C44



008788

Rectangle

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



6A76AC



A0678E



7B7C44



458563

Sweetspot

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



6A76AC



C5CAE0



6AACA0



606370



F0F0F0



707070

Same Dimension

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



6A76AC



798CE0



7F6AAC



4E5057



001B96



000417

Inverse Universe

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



AC6A76



E0798C



97AC6A



574E50



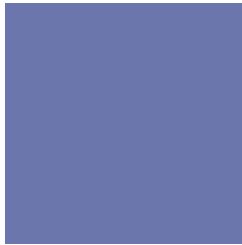
96001B



170004

Previews

White Background



This preview shows how the Hex color 6A76AC looks on a white background.

Color Contrast Check

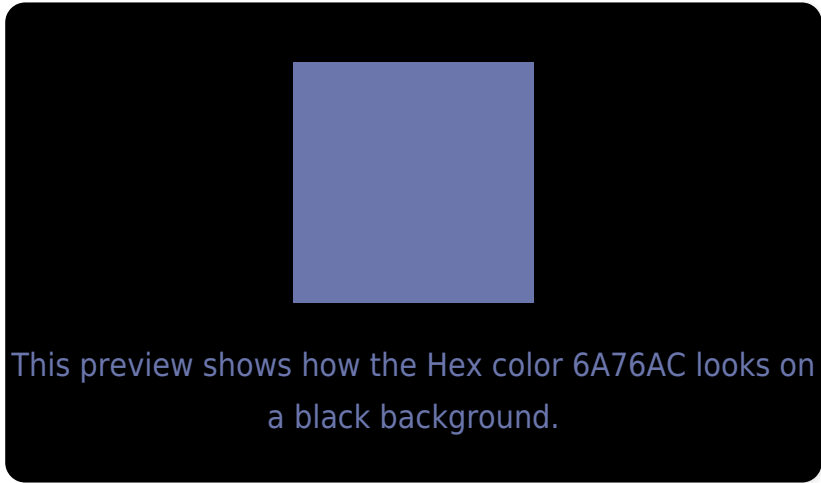
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A76AC Background



This preview shows how black text looks on a background with the Hex color 6A76AC.

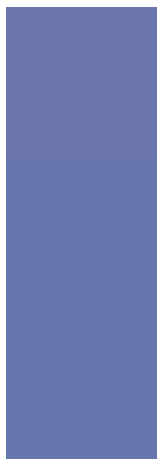


This preview shows how white text looks on a background with the Hex color 6A76AC.

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
6A76AC

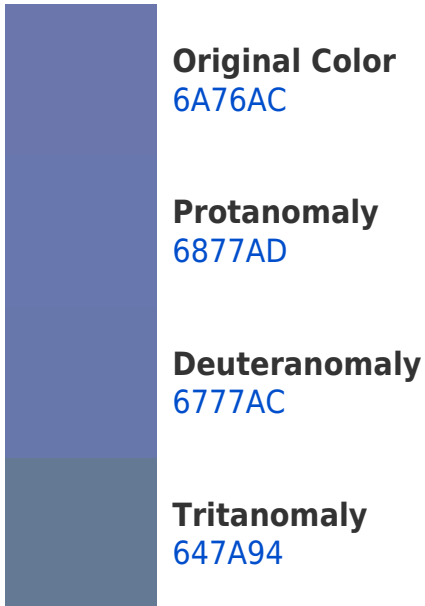
Protanopia
6777AD

Deuteranopia
6577AC

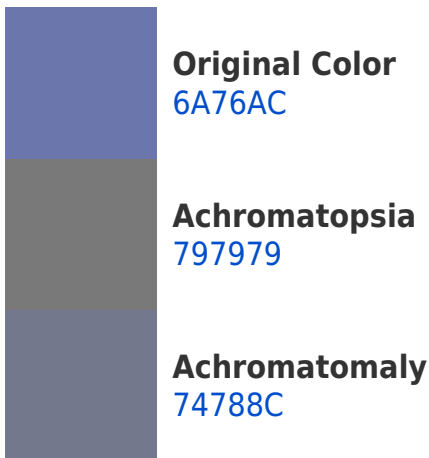


Tritanopia
617D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A76AC 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 #6A76AC looks like.

```
.text, #text, p{  
    color:#6A76AC  
}
```

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 #6A76AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A76AC
}
```

Border

The CSS property to change the border of an element to Hex 6A76AC 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".

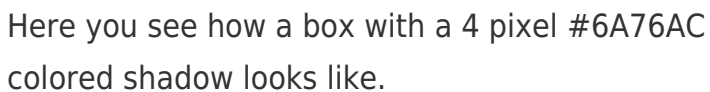
```
.border, #border, table{ border:4px solid
#6A76AC }
```

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

```
.border{ border-color:#6A76AC }
```

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

Here you see how a box with a 4 pixel #6A76AC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A76AC; -webkit-box-shadow:4px 4px  
4px 4px #6A76AC; box-shadow:4px 4px 4px  
4px #6A76AC }
```

Background

The CSS property to change the background color of an element to Hex 6A76AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A76AC }
```

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

```
.background{ background-color:#6A76AC }
```

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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