

Converting Colors

Hex(6B76AA)

Have a look what the booklet for
Hex(6B76AA) contains.

Hex(6B76AA)	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(6B76AA)

Conversions

Conversions Part 1

Format	Color
Hex	6B76AA
RGB	107, 118, 170
RGB Percent	42%, 46%, 67%
CMY	0.5804, 0.5373, 0.3333
CMYK	0.37, 0.31, 0.00, 0.33
HSL	230°, 27%, 54%
HSV	230°, 37%, 67%
XYZ	19.7975, 18.9849, 40.6512
YIQ	120.6390, -23.2480, 13.8400

Conversions

Conversions Part 2

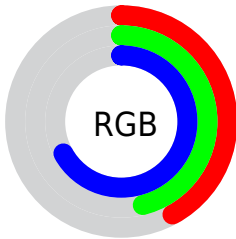
Format	Color
R_{YB}	107, 116, 170
Decimal	7042730
CIE _{Lab}	50.67, 9.02, -29.07
CIE _{LCh}	51, 30.433, 287.240
Yxy	18.9849, 0.2492, 0.2390
Android (android.graphics.Color)	4285232810 (0xFF6B76AA)
YUV	120.6390, 24.3350, -11.9614
Hunter-Lab	43.5717, 4.8539, -24.8158

Details

The Hex color **6B76AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA9F6B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A0AAE2**, and **384676** is the 20% darker color. If you saturate the color by 10%, you get **5A68AA**, and if you desaturate by 10%, it is **7C84AA**.

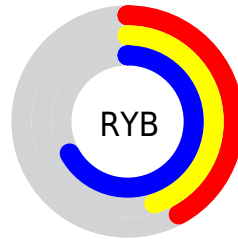
Distribution



Red (42%)

Green (46%)

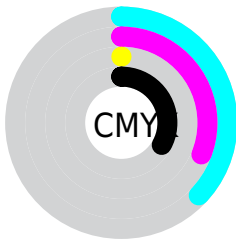
Blue (67%)



Red (42%)

Yellow (45%)

Blue (67%)

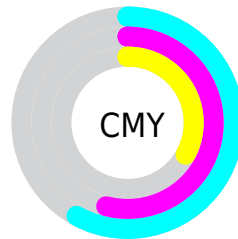


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B76AA 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 6B76AA by changing the saturation by 10% instead.

■ 6B76AA

■ 6B76AA

FFFFFF

■ 515D8F

■ A0AAE2

■ 384676

■ BCC5FE

■ 1E305D

■ D8E1FF

■ 001B45

■ F5FEFF

■ 00002E

■ 000119

■ 000000

■ 6B76AA

■ 6B76AA

■ 5A68AA

■ 7C84AA

■ 495AAA

■ 8D92AA

■ 384CAA

■ 9EA0AA

■ 273EAA

■ AFAEAA

■ 1630AA

■ C0BCAA

■ 0522AA

■ D1CAAA

■ 001EAA

■ E2D8AA

■ F3E6AA

■ FFF4AA

Harmonies

Analogous

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



3E7EAB



6B76AA



8E6C9C

Triad

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



6B76AA



A56A54



3B866C

Complementary

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



6B76AA



AA9F6B

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.



5D8254



6B76AA



937346

Square

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



6B76AA



AB656B



7B7C46



0C8687

Rectangle

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



6B76AA



9E678D



7B7C46



478564

Sweetspot

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



6B76AA



C5CADE



6BAA9E



626470



F0F0F0



707070

Same Dimension

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



6B76AA



7C8DDE



7F6BAA



4C4D54



001A94



000414

Inverse Universe

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



AA6B76



DE7C8D



96AA6B



544C4D



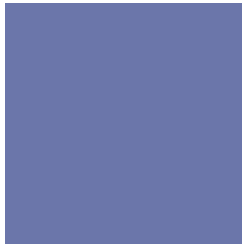
94001A



140004

Previews

White Background



This preview shows how the Hex color 6B76AA looks on a white background.

Color Contrast Check

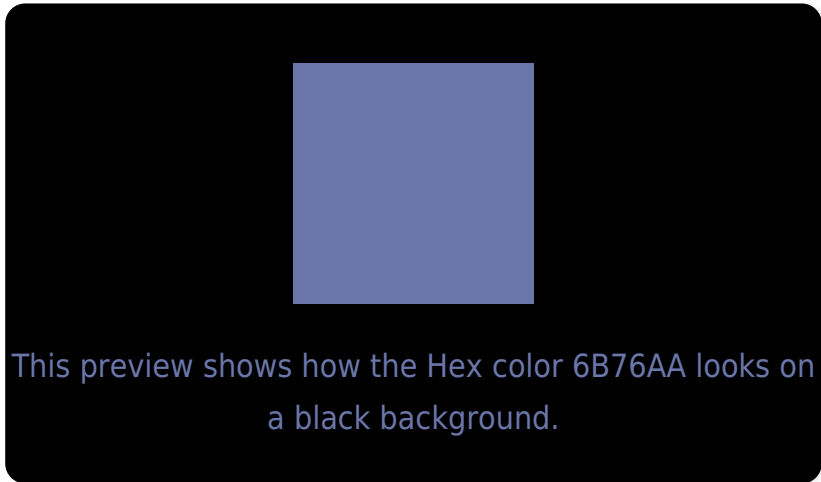
Large Text (above 18pt) WCAG AA ✓ Pass

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

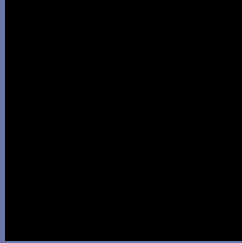
Any Text WCAG AA ✓ Pass

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 6B76AA Background



This preview shows how black text looks on a background with the Hex color 6B76AA.



This preview shows how white text looks on a background with the Hex color 6B76AA.

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
6B76AA

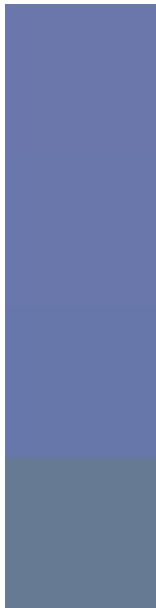
Protanopia
6877AB

Deuteranopia
6777AA



Tritanopia
637D87

Trichromacy



Original Color
6B76AA

Protanomaly
6977AB

Deuteranomaly
6877AA

Tritanomaly
667A94

Monochromacy



Original Color
6B76AA

Achromatopsia
797979

Achromatomaly
74788B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B76AA 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 #6B76AA looks like.

```
.text, #text, p{  
    color:#6B76AA  
}
```

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 #6B76AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B76AA
}
```

Border

The CSS property to change the border of an element to Hex 6B76AA 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
#6B76AA }
```

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

```
.border{ border-color:#6B76AA }
```

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

Here you see how a box with a 4 pixel #6B76AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B76AA; -webkit-box-shadow:4px 4px  
4px 4px #6B76AA; box-shadow:4px 4px 4px  
4px #6B76AA }
```

Background

The CSS property to change the background color of an element to Hex 6B76AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B76AA }
```

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

```
.background{ background-color:#6B76AA }
```

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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