

Converting Colors

Hex(6677B6)

Have a look what the booklet for
Hex(6677B6) contains.

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Color

Hex(6677B6)

Conversions

Conversions Part 1

Format	Color
Hex	6677B6
RGB	102, 119, 182
RGB Percent	40%, 47%, 71%
CMY	0.6000, 0.5333, 0.2863
CMYK	0.44, 0.35, 0.00, 0.29
HSL	227°, 35%, 56%
HSV	227°, 44%, 71%
XYZ	20.5198, 19.3958, 46.9182
YIQ	121.0990, -30.3550, 15.9890

Conversions

Conversions Part 2

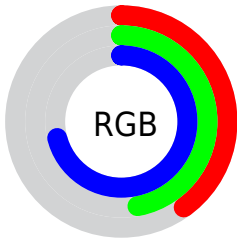
Format	Color
R_{YB}	102, 116, 182
Decimal	6715318
CIE _{Lab}	51.15, 10.52, -35.29
CIE _{LCh}	51, 36.827, 286.602
Yxy	19.3958, 0.2363, 0.2234
Android (android.graphics.Color)	4284905398 (0xFF6677B6)
YUV	121.0990, 30.0242, -16.7498
Hunter-Lab	44.0407, 6.0970, -32.3354

Details

The Hex color **6677B6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B6A566**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9CABEE**, and **304781** is the 20% darker color. If you saturate the color by 10%, you get **5469B6**, and if you desaturate by 10%, it is **7885B6**.

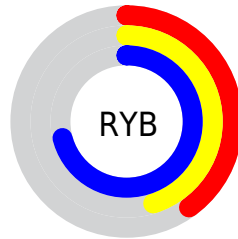
Distribution



Red (40%)

Green (47%)

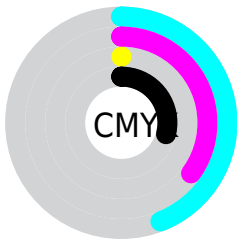
Blue (71%)



Red (40%)

Yellow (45%)

Blue (71%)

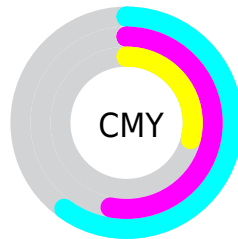


Cyan (44%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6677B6 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 6677B6 by changing the saturation by 10% instead.

■ 6677B6

■ 6677B6

FFFFFF

■ 4B5E9B

■ 9CABEE

■ 304781

■ B8C6FF

■ 113167

■ D5E2FF

■ 001C4F

■ F2FFFF

■ 000138

■ 000221

■ 000007

■ 000000

■ 6677B6

■ 6677B6

■ 5469B6

■ 7885B6

■ 425AB6

■ 8A94B6

■ 2F4CB6

■ 9DA2B6

■ 1D3EB6

■ AFB0B6

■ 0B2FB6

■ C1BFB6

■ 0027B6

■ D3CDB6

■ E5DBB6

■ F8EAB6

■ FFF8B6

Harmonies

Analogous

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



1C81B7



6677B6



936BA5

Triad

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



6677B6



AE684D



27896A

Complementary

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



6677B6



B6A566

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.



58854D



6677B6



99733C

Square

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



6677B6



B66069



7C7E3C



008A8B

Rectangle

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



6677B6



A66493



7C7E3C



3B8860

Sweetspot

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



6677B6



CED5ED



66B6A5



656978



F7F7F7



787878

Same Dimension

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



6677B6



6F8AED



7D66B6



53555C



00219C



00061C

Inverse Universe

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



B66677



ED6F8A



9FB666



5C5355



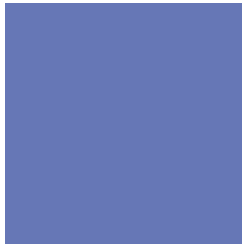
9C0021



1C0006

Previews

White Background



This preview shows how the Hex color 6677B6 looks on a white background.

Color Contrast Check

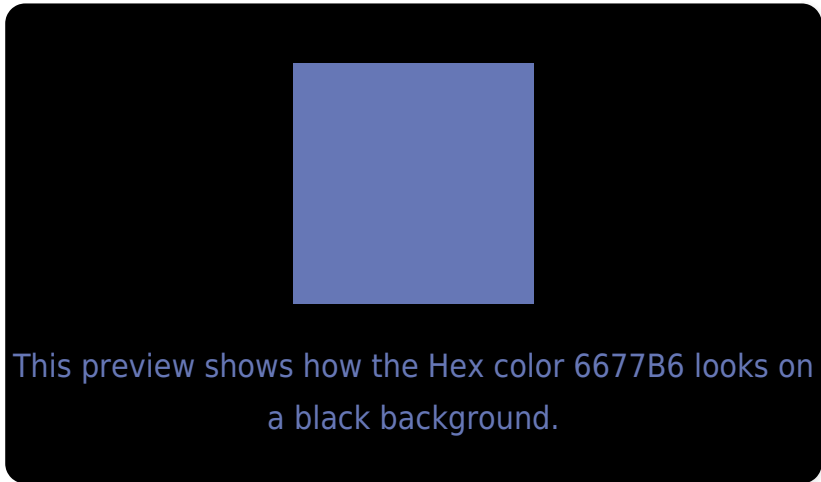
Large Text (above 18pt) WCAG AA ✓ Pass

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 6677B6 Background



This preview shows how black text looks on a background with the Hex color 6677B6.



This preview shows how white text looks on a background with the Hex color 6677B6.

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


6677B6

Protanopia

6477B6

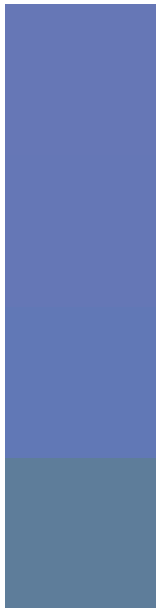
Deuteranopia

5E79B6



Tritanopia
5A808A

Trichromacy



Original Color
6677B6

Protanomaly
6577B6

Deuteranomaly
6178B6

Tritanomaly
5E7D9A

Monochromacy



Original Color
6677B6

Achromatopsia
797979

Achromatomaly
72788F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6677B6 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 #6677B6 looks like.

```
.text, #text, p{  
    color:#6677B6  
}
```

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 #6677B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6677B6
}
```

Border

The CSS property to change the border of an element to Hex 6677B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

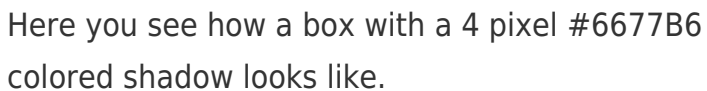
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6677B6 }
```

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

```
.border{ border-color:#6677B6 }
```

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



Here you see how a box with a 4 pixel #6677B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6677B6; -webkit-box-shadow:4px 4px  
4px 4px #6677B6; box-shadow:4px 4px 4px  
4px #6677B6 }
```

Background

The CSS property to change the background color of an element to Hex 6677B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6677B6 }
```

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

```
.background{ background-color:#6677B6 }
```

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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