

Converting Colors

Hex(6773AA)

Have a look what the booklet for
Hex(6773AA) contains.

Hex(6773AA)	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(6773AA)

Conversions

Conversions Part 1

Format	Color
Hex	6773AA
RGB	103, 115, 170
RGB Percent	40%, 45%, 67%
CMY	0.5961, 0.5490, 0.3333
CMYK	0.39, 0.32, 0.00, 0.33
HSL	229°, 28%, 54%
HSV	229°, 39%, 67%
XYZ	18.9800, 18.0473, 40.5133
YIQ	117.6820, -24.8070, 14.5610

Conversions

Conversions Part 2

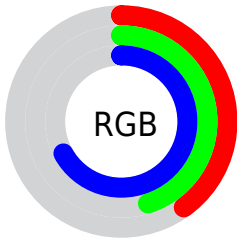
Format	Color
RYB	103, 113, 170
Decimal	6779818
CIELab	49.55, 9.69, -30.83
CIELCh	50, 32.315, 287.455
Yxy	18.0473, 0.2448, 0.2327
Android (android.graphics.Color)	4284969898 (0xFF6773AA)
YUV	117.6820, 25.7928, -12.8761
Hunter-Lab	42.4821, 5.4056, -26.8048

Details

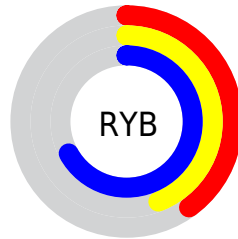
The Hex color **6773AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA9E67**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9CA7E2**, and **334376** is the 20% darker color. If you saturate the color by 10%, you get **5665AA**, and if you desaturate by 10%, it is **7881AA**.

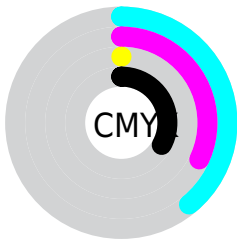
Distribution



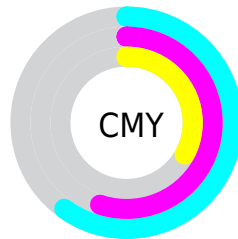
- Red (40%)
- Green (45%)
- Blue (67%)



- Red (40%)
- Yellow (44%)
- Blue (67%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6773AA 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 6773AA by changing the saturation by 10% instead.

■ 6773AA

■ 6773AA

FFFFFF

■ 4D5B8F

■ 9CA7E2

■ 334376

■ B8C2FE

■ 182D5D

■ D4DEFF

■ 001945

■ F1FAFF

■ 00002E

■ 000119

■ 000000

■ 6773AA

■ 6773AA

■ 5665AA

■ 7881AA

■ 4557AA

■ 898FAA

■ 3449AA

■ 9A9DAA

■ 233BAA

■ ABABAA

■ 122DAA

■ BCB9AA

■ 011FAA

■ CDC7AA

■ 001EAA

■ DED5AA

■ EFE3AA

■ FFF1AA

Harmonies

Analogous

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



337CAB



6773AA



8D699B

Triad

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



6773AA



A4674F



328369

Complementary

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



6773AA



AA9E67

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.



588050



6773AA



917040

Square

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



6773AA



AB6067



777940



008485

Rectangle

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



6773AA



9E638B



777940



408360

Sweetspot

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



6773AA



C3C8DE



67AA9E



606370



F0F0F0



707070

Same Dimension

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



6773AA



7688DE



7C67AA



4C4D54



001A94



000414

Inverse Universe

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



AA6773



DE7688



95AA67



544C4D



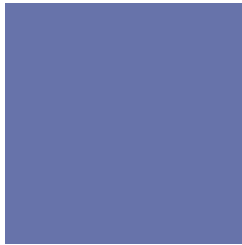
94001A



140004

Previews

White Background



This preview shows how the Hex color 6773AA looks on a white background.

Color Contrast Check

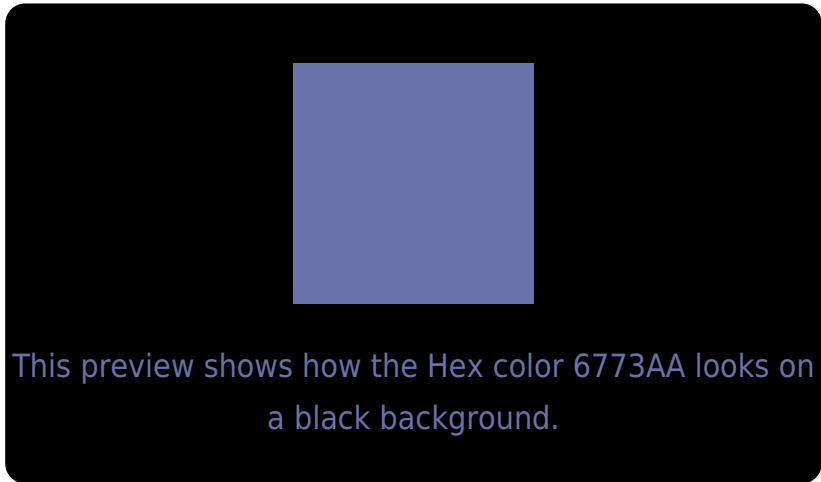
Large Text (above 18pt) WCAG AA ✓ Pass

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

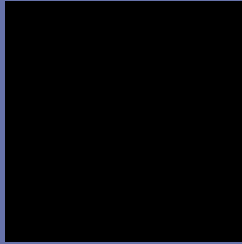
Any Text WCAG AA ✓ Pass

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 6773AA Background



This preview shows how black text looks on a background with the Hex color 6773AA.



This preview shows how white text looks on a background with the Hex color 6773AA.

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
6773AA

Protanopia
6474AB

Deuteranopia
6175AA



Tritanopia
5E7A84

Trichromacy



Original Color
6773AA

Protanomaly
6574AB

Deuteranomaly
6374AA

Tritanomaly
617792

Monochromacy



Original Color
6773AA

Achromatopsia
767676

Achromatomaly
717589

CSS Examples

Text

The CSS property to change the color of the text to Hex 6773AA 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 #6773AA looks like.

```
.text, #text, p{  
    color:#6773AA  
}
```

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 #6773AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6773AA
}
```

Border

The CSS property to change the border of an element to Hex 6773AA 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
#6773AA }
```

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

```
.border{ border-color:#6773AA }
```

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

Here you see how a box with a 4 pixel #6773AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6773AA; -webkit-box-shadow:4px 4px  
4px 4px #6773AA; box-shadow:4px 4px 4px  
4px #6773AA }
```

Background

The CSS property to change the background color of an element to Hex 6773AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6773AA }
```

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

```
.background{ background-color:#6773AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor