

Converting Colors

Hex(7576A6)

Have a look what the booklet for
Hex(7576A6) contains.

Hex(7576A6)	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(7576A6)

Conversions

Conversions Part 1

Format	Color
Hex	7576A6
RGB	117, 118, 166
RGB Percent	46%, 46%, 65%
CMY	0.5412, 0.5373, 0.3490
CMYK	0.30, 0.29, 0.00, 0.35
HSL	239°, 22%, 55%
HSV	239°, 30%, 65%
XYZ	20.6975, 19.4919, 38.7478
YIQ	123.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

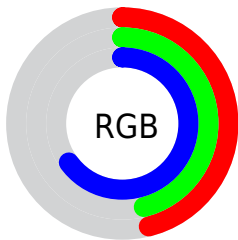
Format	Color
R_{YB}	117, 118, 166
Decimal	7698086
CIE _{Lab}	51.26, 10.91, -25.77
CIE _{LCh}	51, 27.981, 292.945
Yxy	19.4919, 0.2622, 0.2469
Android (android.graphics.Color)	4285888166 (0xFF7576A6)
YUV	123.1730, 21.1137, -5.4137
Hunter-Lab	44.1497, 6.4193, -21.1309

Details

The Hex color **7576A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6A575**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AAAADD**, and **434672** is the 20% darker color. If you saturate the color by 10%, you get **6466A6**, and if you desaturate by 10%, it is **8686A6**.

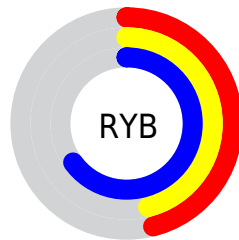
Distribution



Red (46%)

Green (46%)

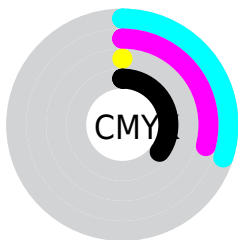
Blue (65%)



Red (46%)

Yellow (46%)

Blue (65%)

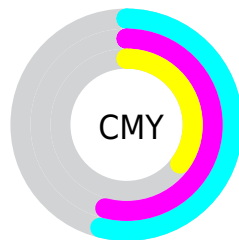


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7576A6 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 7576A6 by changing the saturation by 10% instead.



7576A6



7576A6

FFFFFF



5C5D8C



AAAADD



434672



C6C5FA



2B3059



E2E1FF



121B42

FFFEFF



00002B



000116



000000



7576A6



7576A6



6466A6



8686A6

■ 5455A6

■ 9697A6

■ 4345A6

■ A7A7A6

■ 3335A6

■ B7B7A6

■ 2225A6

■ C8C7A6

■ 1114A6

■ D9D8A6

■ 0104A6

■ E9E8A6

■ 0003A6

■ FAF8A6

■ FFFFA6

Harmonies

Analogous

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



4F7EA9



7576A6



936E97

Triad

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



7576A6



A16F55



3E8773

Complementary

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



7576A6



A6A575

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.



5C845D



7576A6



8F774B

Square

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



7576A6



A96969



777E4D



22878C

Rectangle

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



7576A6



A06989



777E4D



48866B

Sweetspot

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



7576A6



C5C6D9



75A6A4



62626E



EDEDED



6E6E6E

Same Dimension

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



7576A6



8D8ED9



8C75A6



4C4C54



000394



000014

Inverse Universe

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



A67576



D98D8E



8FA675



544C4C



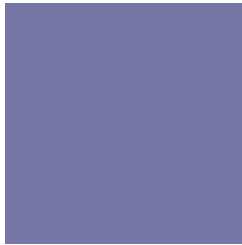
940003



140000

Previews

White Background



This preview shows how the Hex color 7576A6 looks on a white background.

Color Contrast Check

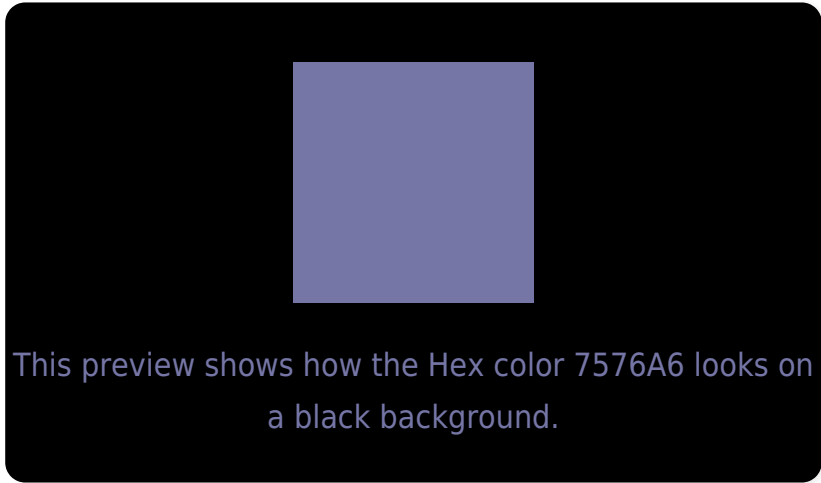
Large Text (above 18pt) WCAG AA ✓ Pass

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

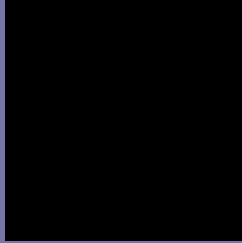
Any Text WCAG AA ✓ Pass

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 7576A6 Background



This preview shows how black text looks on a background with the Hex color 7576A6.



This preview shows how white text looks on a background with the Hex color 7576A6.

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](#).

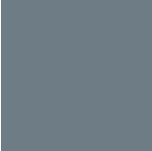
Dichromacy



Original Color
7576A6

Protanopia
6C78A8

Deuteranopia
6D78A6



Tritanopia
6E7C86

Trichromacy



Original Color
7576A6

Protanomaly
6F77A7

Deuteranomaly
7077A6

Tritanomaly
717A92

Monochromacy



Original Color
7576A6

Achromatopsia
7B7B7B

Achromatomaly
79798B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7576A6 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 #7576A6 looks like.

```
.text, #text, p{  
    color:#7576A6  
}
```

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 #7576A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7576A6
}
```

Border

The CSS property to change the border of an element to Hex 7576A6 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
#7576A6 }
```

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

```
.border{ border-color:#7576A6 }
```

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

Here you see how a box with a 4 pixel #7576A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7576A6; -webkit-box-shadow:4px 4px  
4px 4px #7576A6; box-shadow:4px 4px 4px  
4px #7576A6 }
```

Background

The CSS property to change the background color of an element to Hex 7576A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7576A6 }
```

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

```
.background{ background-color:#7576A6 }
```

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