

Converting Colors

Hex(7586A7)

Have a look what the booklet for
Hex(7586A7) contains.

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Color

Hex(7586A7)

Conversions

Conversions Part 1

Format	Color
Hex	7586A7
RGB	117, 134, 167
RGB Percent	46%, 53%, 65%
CMY	0.5412, 0.4745, 0.3451
CMYK	0.30, 0.20, 0.00, 0.35
HSL	220°, 22%, 56%
HSV	220°, 30%, 65%
XYZ	22.8363, 23.6221, 39.9151
YIQ	132.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

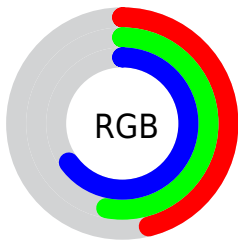
Format	Color
RYB	117, 130, 167
Decimal	7702183
CIELab	55.71, 1.75, -19.50
CIELCh	56, 19.583, 275.135
Yxy	23.6221, 0.2644, 0.2735
Android (android.graphics.Color)	4285892263 (0xFF7586A7)
YUV	132.6790, 16.9203, -13.7505
Hunter-Lab	48.6026, -1.1851, -14.6704

Details

The Hex color **7586A7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A79675**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AABBDE**, and **435573** is the 20% darker color. If you saturate the color by 10%, you get **647BA7**, and if you desaturate by 10%, it is **8691A7**.

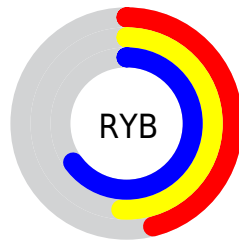
Distribution



Red (46%)

Green (53%)

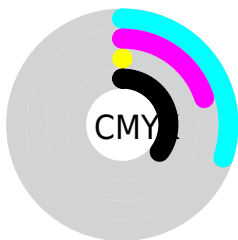
Blue (65%)



Red (46%)

Yellow (51%)

Blue (65%)

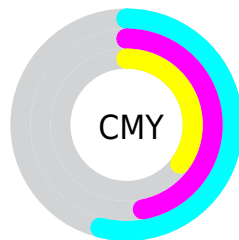


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7586A7 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 7586A7 by changing the saturation by 10% instead.

■ 7586A7

■ 7586A7

FFFFFF

■ 5C6D8D

■ AABBDE

■ 435573

■ C6D7FB

■ 2B3E5A

■ E2F3FF

■ 122843

■ 00132C

■ 000118

■ 000000

■ 7586A7

■ 7586A7

■ 647BA7

■ 8691A7

■ 5470A7

■ 969CA7

■ 4365A7

■ A7A7A7

■ 325AA7

■ B8B2A7

■ 214FA7

■ C8BDA7

■ 1144A7

■ D9C8A7

■ 0039A7

■ EAD3A7

■ FBDEA7

■ FFE9A7

Harmonies

Analogous

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



608BA4



7586A7



8C80A1

Triad

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



7586A7



A77B73



698E77

Complementary

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



7586A7



A79675

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.



7C8A69



7586A7



9E8067

Square

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



7586A7



A77983



8F8564



5A8F88

Rectangle

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



7586A7



997D99



8F8564



6F8D72

Sweetspot

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



7586A7



C5CCD9



75A795



62666E



EDEDED



6E6E6E

Same Dimension

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



7586A7



8BA5D9



7C75A7



4C4F54



003294



000714

Inverse Universe

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



A77586



D98BA5



9FA775



544C4F



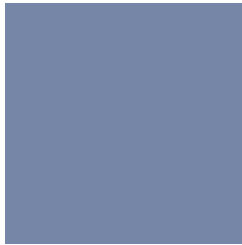
940032



140007

Previews

White Background



This preview shows how the Hex color 7586A7 looks on a white background.

Color Contrast Check

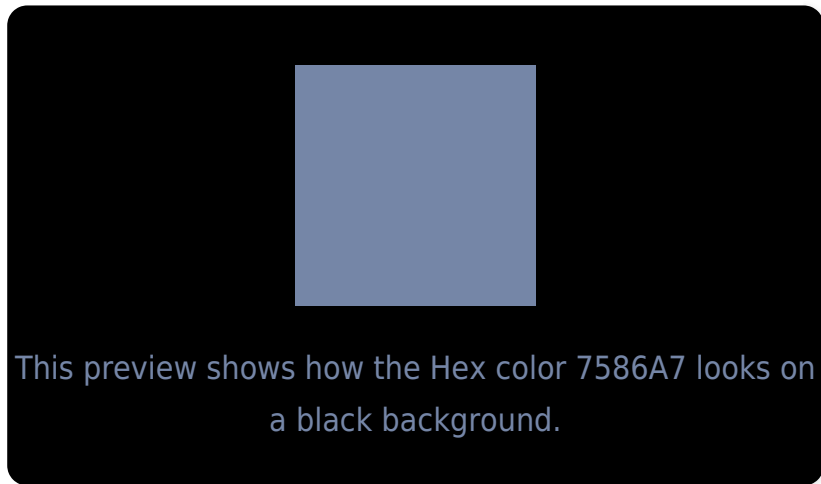
Large Text (above 18pt) WCAG AA ✓ Pass

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

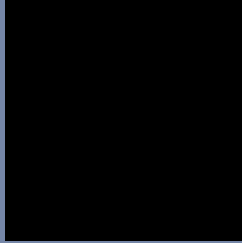
Any Text WCAG AA ✓ Pass

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 7586A7 Background



This preview shows how black text looks on a background with the Hex color 7586A7.



This preview shows how white text looks on a background with the Hex color 7586A7.

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
7586A7

Protanopia
7D84A6

Deuteranopia
8083A8



Tritanopia
718994

Trichromacy



Original Color
7586A7

Protanomaly
7A85A6

Deuteranomaly
7C84A8

Tritanomaly
72889B

Monochromacy



Original Color
7586A7

Achromatopsia
858585

Achromatomaly
7F8591

CSS Examples

Text

The CSS property to change the color of the text to Hex 7586A7 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 #7586A7 looks like.

```
.text, #text, p{  
    color:#7586A7  
}
```

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 #7586A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7586A7
}
```

Border

The CSS property to change the border of an element to Hex 7586A7 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
#7586A7 }
```

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

```
.border{ border-color:#7586A7 }
```

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

Here you see how a box with a 4 pixel #7586A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7586A7; -webkit-box-shadow:4px 4px  
4px 4px #7586A7; box-shadow:4px 4px 4px  
4px #7586A7 }
```

Background

The CSS property to change the background color of an element to Hex 7586A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7586A7 }
```

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

```
.background{ background-color:#7586A7 }
```

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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