

Converting Colors

Hex(7586AB)

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

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Color

Hex(7586AB)

Conversions

Conversions Part 1

Format	Color
Hex	7586AB
RGB	117, 134, 171
RGB Percent	46%, 53%, 67%
CMY	0.5412, 0.4745, 0.3294
CMYK	0.32, 0.22, 0.00, 0.33
HSL	221°, 24%, 56%
HSV	221°, 32%, 67%
XYZ	23.2119, 23.7724, 41.8932
YIQ	133.1350, -22.0090, 7.9030

Conversions

Conversions Part 2

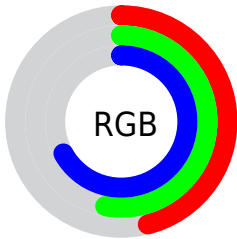
Format	Color
R_{YB}	117, 130, 171
Decimal	7702187
CIE _{Lab}	55.86, 2.79, -21.57
CIE _{LCh}	56, 21.750, 277.380
Y _{xy}	23.7724, 0.2612, 0.2675
Android (android.graphics.Color)	4285892267 (0xFF7586AB)
YUV	133.1350, 18.6674, -14.1504
Hunter-Lab	48.7569, -0.3454, -16.8136

Details

The Hex color **7586AB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AB9A75**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AABBE2**, and **435577** is the 20% darker color. If you saturate the color by 10%, you get **647AAB**, and if you desaturate by 10%, it is **8692AB**.

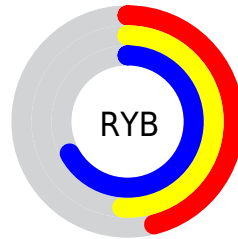
Distribution



Red (46%)

Green (53%)

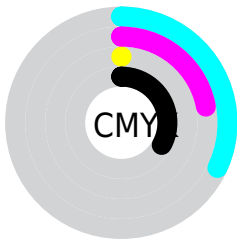
Blue (67%)



Red (46%)

Yellow (51%)

Blue (67%)

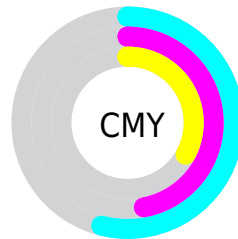


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

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

 7586AB

 7586AB

FFFFFF

 5B6D90

 AABBE2

 435577

 C6D7FF

 2A3E5E

 E2F3FF

 112846

 001330

 00011B

 000000

 7586AB

 7586AB

 647AAB

 8692AB

■ 536FAB

■ 979DAB

■ 4263AB

■ A8A9AB

■ 3157AB

■ B9B5AB

■ 1F4BAB

■ CAC1AB

■ 0E40AB

■ DCCCAB

■ 0036AB

■ EDD8AB

■ FEE4AB

■ FFEFAB

Harmonies

Analogous

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



5C8CA8



7586AB



8F7FA4

Triad

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



7586AB



AA7A70



658F77

Complementary

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



7586AB



AB9A75

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.



7A8C67



7586AB



A08064

Square

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



7586AB



AC7882



8F8660



53918A

Rectangle

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



7586AB



9D7C9A



8F8660



6C8E71

Sweetspot

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



7586AB



CAD0DE



75AB9A



646870



F0F0F0



707070

Same Dimension

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



7586AB



8AA4DE



7F75AB



4E5157



002F96



000717

Inverse Universe

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



AB7586



DE8AA4



A1AB75



574E51



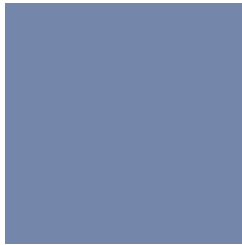
96002F



170007

Previews

White Background



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

Color Contrast Check

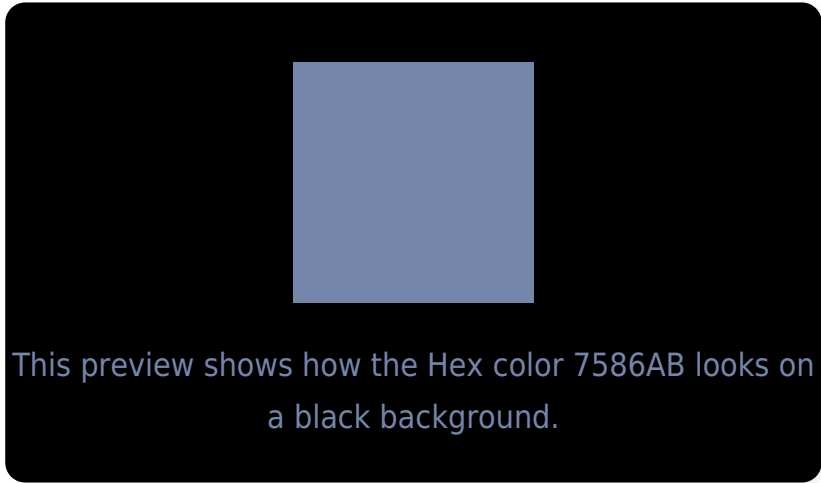
Large Text (above 18pt) WCAG AA ✓ Pass

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

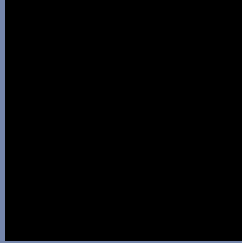
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

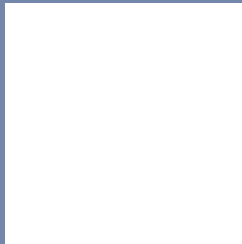
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7586AB Background



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



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

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
7586AB

Protanopia
7C84AA

Deuteranopia
7F83AC



Tritanopia
708A95

Trichromacy



Original Color
7586AB

Protanomaly
7985AA

Deuteranomaly
7B84AC

Tritanomaly
72899D

Monochromacy



Original Color
7586AB

Achromatopsia
858585

Achromatomaly
7F8593

CSS Examples

Text

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

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

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 #7586AB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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