

Converting Colors

Hex(507A98)

Have a look what the booklet for
Hex(507A98) contains.

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Color

Hex(507A98)

Conversions

Conversions Part 1

Format	Color
Hex	507A98
RGB	80, 122, 152
RGB Percent	31%, 48%, 60%
CMY	0.6863, 0.5216, 0.4039
CMYK	0.47, 0.20, 0.00, 0.40
HSL	205°, 31%, 45%
HSV	205°, 47%, 60%
XYZ	15.9353, 17.8915, 32.3193
YIQ	112.8620, -34.6620, 0.4260

Conversions

Conversions Part 2

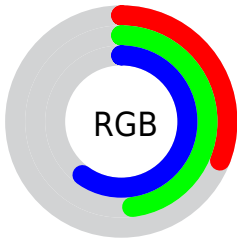
Format	Color
R_{YB}	80, 107, 152
Decimal	5274264
CIE _{Lab}	49.36, -6.04, -20.72
CIE _{LCh}	49, 21.578, 253.750
Yxy	17.8915, 0.2409, 0.2705
Android (android.graphics.Color)	4283464344 (0xFF507A98)
YUV	112.8620, 19.2950, -28.8200
Hunter-Lab	42.2984, -6.7749, -15.6933

Details

The Hex color **507A98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **986E50**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **85AECE**, and **1A4965** is the 20% darker color. If you saturate the color by 10%, you get **417498**, and if you desaturate by 10%, it is **5F8098**.

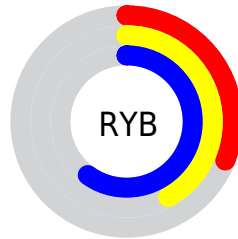
Distribution



Red (31%)

Green (48%)

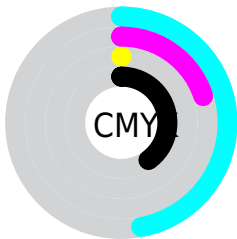
Blue (60%)



Red (31%)

Yellow (42%)

Blue (60%)

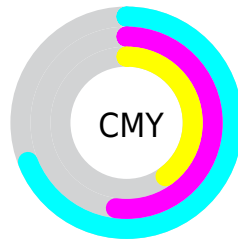


Cyan (47%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (69%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507A98 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 507A98 by changing the saturation by 10% instead.

■ 507A98

■ 507A98

FFFFFF

■ 36617E

■ 85AECE

■ 1A4965

■ A0CAEB

■ 00334D

■ BCE6FF

■ 001E36

■ D8FFFF

■ 000221

■ F5FFFF

■ 000006

■ 000000

■ 507A98

■ 507A98

■ 417498

■ 5F8098

■ 326D98

■ 6E8798

■ 226798

■ 7E8D98

■ 136198

■ 8D9398

■ 045A98

■ 9C9A98

■ 005998

■ ABA098

■ BAA698

■ CAAD98

■ D9B398

Harmonies

Analogous

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



3E7E8E



507A98



6A7499

Triad

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



507A98



9A686D



657C5A

Complementary

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



507A98



986E50

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.



7A7752



507A98



976B5D

Square

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



507A98



936980



8B7153



507F6B

Rectangle

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



507A98



7B7094



8B7153



6C7A57

Sweetspot

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



507A98



A9B9C4



50986E



535C63



E3E3E3



636363

Same Dimension

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



507A98



5496C4



505698



45494D



00528C



00070D

Inverse Universe

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



98507A



C45496



989250



4D4549



8C0052



0D0007

Previews

White Background



This preview shows how the Hex color 507A98 looks on a white background.

Color Contrast Check

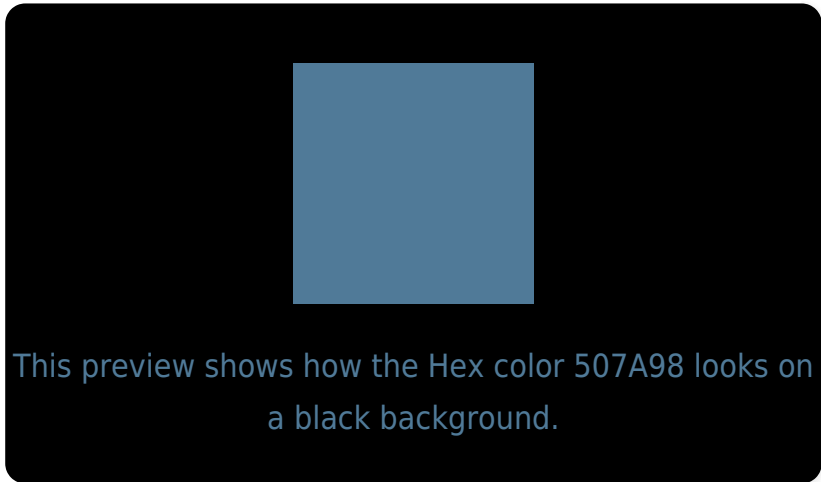
Large Text (above 18pt) WCAG AA ✓ Pass

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

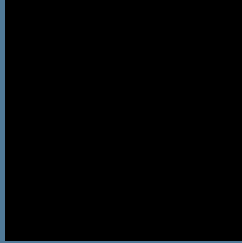
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

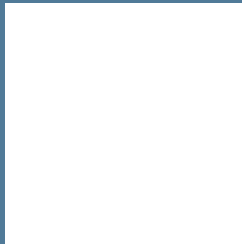
Any Text WCAG AAA × Fail

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

Hex 507A98 Background



This preview shows how black text looks on a background with the Hex color 507A98.




This preview shows how white text looks on a background with the Hex color 507A98.

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](#).

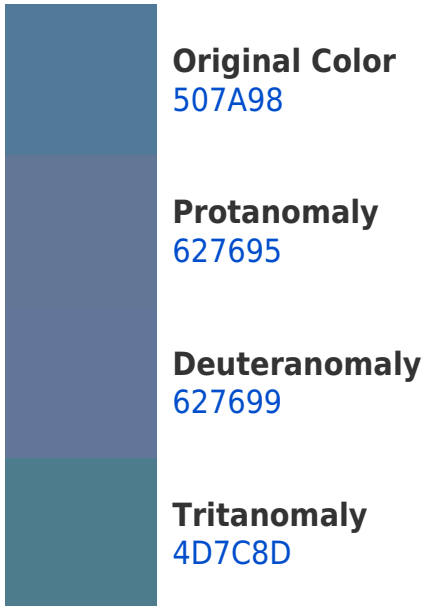
Dichromacy



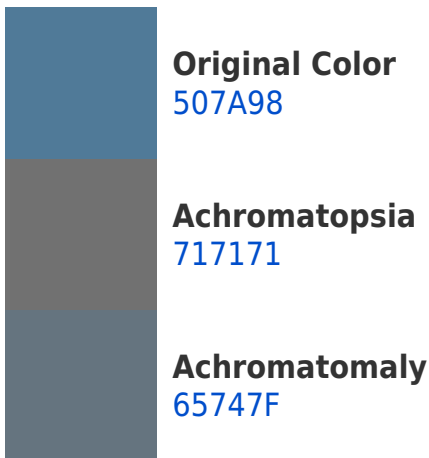


Tritanopia
4B7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 507A98 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 #507A98 looks like.

```
.text, #text, p{  
    color:#507A98  
}
```

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 #507A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507A98
}
```

Border

The CSS property to change the border of an element to Hex 507A98 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
#507A98 }
```

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

```
.border{ border-color:#507A98 }
```

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

Here you see how a box with a 4 pixel #507A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507A98; -webkit-box-shadow:4px 4px  
4px 4px #507A98; box-shadow:4px 4px 4px  
4px #507A98 }
```

Background

The CSS property to change the background color of an element to Hex 507A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507A98 }
```

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

```
.background{ background-color:#507A98 }
```

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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