

Converting Colors

Hex(587A90)

Have a look what the booklet for
Hex(587A90) contains.

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Color

Hex(587A90)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 587A90 |
| RGB | 88, 122, 144 |
| RGB Percent | 35%, 48%, 56% |
| CMY | 0.6549, 0.5216, 0.4353 |
| CMYK | 0.39, 0.15, 0.00, 0.44 |
| HSL | 204°, 24%, 45% |
| HSV | 204°, 39%, 56% |
| XYZ | 16.0181, 18.0074, 29.0171 |
| YIQ | 114.3420, -27.3260, -0.3660 |

Conversions

Conversions Part 2

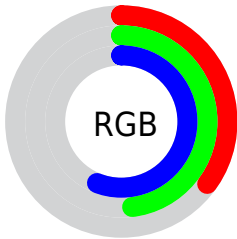
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 88, 109, 144 |
| Decimal | 5798544 |
| CIE _{Lab} | 49.51, -6.17, -15.76 |
| CIE _{LCh} | 50, 16.929, 248.631 |
| Yxy | 18.0074, 0.2541, 0.2856 |
| Android (android.graphics.Color) | 4283988624 (0xFF587A90) |
| YUV | 114.3420, 14.6214, -23.1019 |
| Hunter-Lab | 42.4351, -6.8827, -10.8379 |

Details

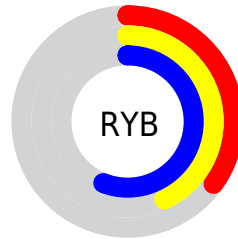
The Hex color **587A90** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **906E58**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8CAEC6**, and **26495E** is the 20% darker color. If you saturate the color by 10%, you get **4A7490**, and if you desaturate by 10%, it is **668090**.

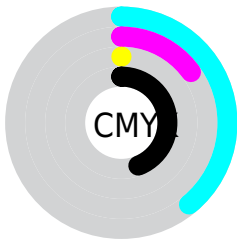
Distribution



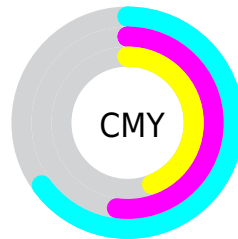
- Red (35%)
- Green (48%)
- Blue (56%)



- Red (35%)
- Yellow (43%)
- Blue (56%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587A90 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 587A90 by changing the saturation by 10% instead.



587A90



587A90

FFFFFF



3F6176



8CAEC6



26495E



A7CAE2



0A3346



C3E6FF



001E2F



DFFFFF



00011B



FFFFFF



000000



587A90



587A90



4A7490



668090



3B6F90



758590

■ 2D6990

■ 838B90

■ 1E6390

■ 929190

■ 105E90

■ A09690

■ 025890

■ AE9C90

■ 005790

■ BDA290

■ CBA790

■ DAAD90

Harmonies

Analogous

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



4E7D87



587A90



6A7692

Triad

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



587A90



936B72



6C7A5F

Complementary

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



587A90



906E58

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.



7C7659



587A90



926D64

Square

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



587A90



8C6D80



8A715B



5C7D6B

Rectangle

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



587A90



77728F



8A715B



72795C

Sweetspot

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



587A90



A4B1BA



58906D



51595E



DEDEDE



5E5E5E

Same Dimension

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



587A90



6398BA



585F90



404547



005287



000508

Inverse Universe

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



90587A



BA6398



908958



474045



870052



080005

Previews

White Background



This preview shows how the Hex color 587A90 looks on a white background.

Color Contrast Check

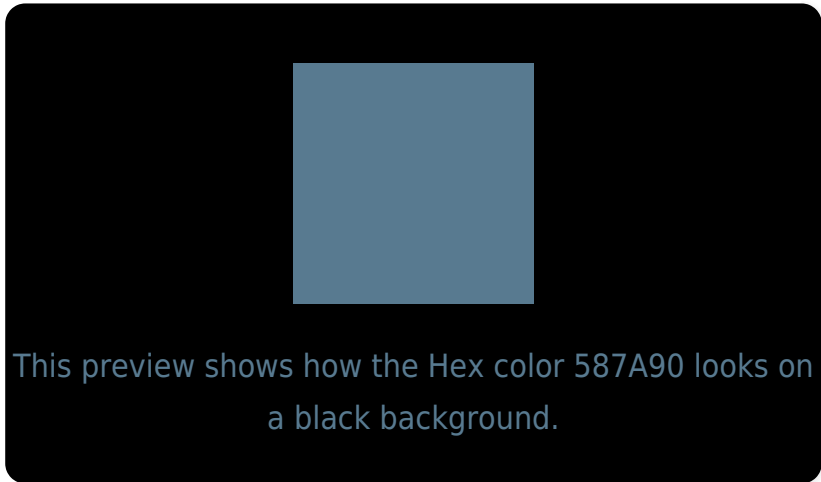
Large Text (above 18pt) WCAG AA ✓ Pass

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

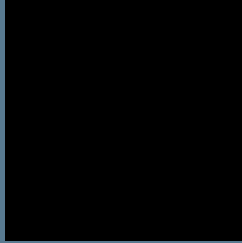
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

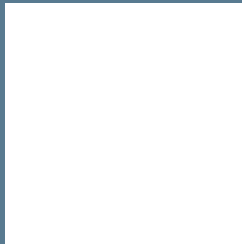
Any Text WCAG AAA × Fail

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

Hex 587A90 Background



This preview shows how black text looks on a background with the Hex color 587A90.

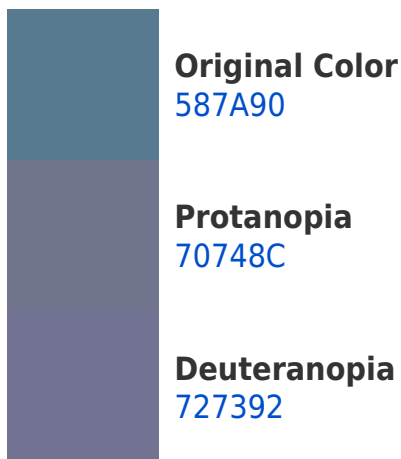



This preview shows how white text looks on a background with the Hex color 587A90.

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
557C86

Trichromacy



Original Color
587A90

Protanomaly
67768D

Deuteranomaly
697691

Tritanomaly
567B8A

Monochromacy



Original Color
587A90

Achromatopsia
727272

Achromatomaly
69757D

CSS Examples

Text

The CSS property to change the color of the text to Hex 587A90 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 #587A90 looks like.

```
.text, #text, p{  
    color:#587A90  
}
```

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 #587A90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587A90
}
```

Border

The CSS property to change the border of an element to Hex 587A90 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
#587A90 }
```

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

```
.border{ border-color:#587A90 }
```

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

Here you see how a box with a 4 pixel #587A90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587A90; -webkit-box-shadow:4px 4px  
4px 4px #587A90; box-shadow:4px 4px 4px  
4px #587A90 }
```

Background

The CSS property to change the background color of an element to Hex 587A90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587A90 }
```

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

```
.background{ background-color:#587A90 }
```

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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