

Converting Colors

Hex(596DA7)

Have a look what the booklet for
Hex(596DA7) contains.

Hex(596DA7)	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(596DA7)

Conversions

Conversions Part 1

Format	Color
Hex	596DA7
RGB	89, 109, 167
RGB Percent	35%, 43%, 65%
CMY	0.6510, 0.5725, 0.3451
CMYK	0.47, 0.35, 0.00, 0.35
HSL	225°, 31%, 50%
HSV	225°, 47%, 65%
XYZ	16.5635, 15.8511, 38.7458
YIQ	109.6320, -30.5380, 13.7980

Conversions

Conversions Part 2

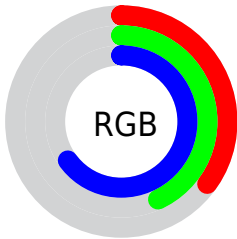
Format	Color
R_{YB}	89, 105, 167
Decimal	5860775
CIE _{Lab}	46.78, 8.68, -33.49
CIE _{LCh}	47, 34.595, 284.537
Yxy	15.8511, 0.2328, 0.2228
Android (android.graphics.Color)	4284050855 (0xFF596DA7)
YUV	109.6320, 28.2824, -18.0943
Hunter-Lab	39.8135, 4.5873, -29.8305

Details

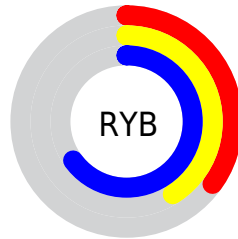
The Hex color **596DA7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A79359**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8FA0DE**, and **233E73** is the 20% darker color. If you saturate the color by 10%, you get **4861A7**, and if you desaturate by 10%, it is **6A79A7**.

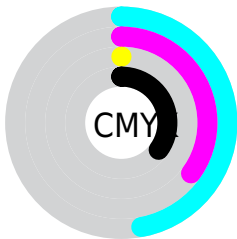
Distribution



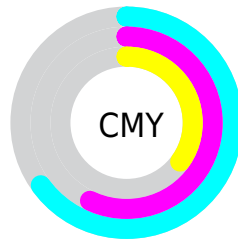
- Red (35%)
- Green (43%)
- Blue (65%)



- Red (35%)
- Yellow (41%)
- Blue (65%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596DA7 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 596DA7 by changing the saturation by 10% instead.

■ 596DA7

■ 596DA7

FFFFFF

■ 3E558C

■ 8FA0DE

■ 233E73

■ AABBF8

■ 00285A

■ C6D7FF

■ 001542

■ E3F3FF

■ 00032B

■ 000116

■ 000000

■ 596DA7

■ 596DA7

■ 4861A7

■ 6A79A7

■ 3854A7

■ 7A86A7

■ 2748A7

■ 8B92A7

■ 163BA7

■ 9C9FA7

■ 052FA7

■ ACABA7

■ 002BA7

■ BDB8A7

■ CEC4A7

■ DFD0A7

■ EFDDA7

Harmonies

Analogous

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



0C76A6



596DA7



836298

Triad

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



596DA7



A05E47



267D5E

Complementary

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



596DA7



A79359

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.



527944



596DA7



8D6836

Square

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



596DA7



A65762



737235



007E7C

Rectangle

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



596DA7



975B88



737235



387C55

Sweetspot

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



596DA7



BAC2D9



59A792



5B606E



EDEDED



6E6E6E

Same Dimension

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



596DA7



5F7ED9



6B59A7



4C4E54



002694



000514

Inverse Universe

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



A7596D



D95F7E



95A759



544C4E



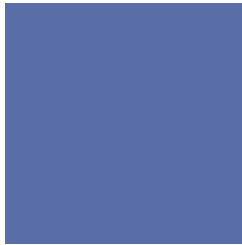
940026



140005

Previews

White Background



This preview shows how the Hex color 596DA7 looks on a white background.

Color Contrast Check

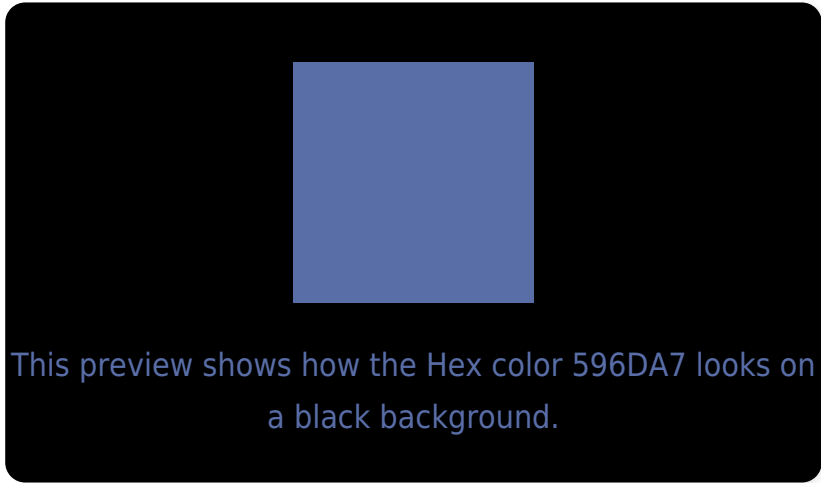
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

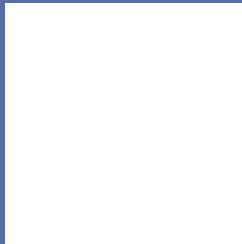
Any Text WCAG AAA × Fail

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

Hex 596DA7 Background



This preview shows how black text looks on a background with the Hex color 596DA7.



This preview shows how white text looks on a background with the Hex color 596DA7.

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
596DA7

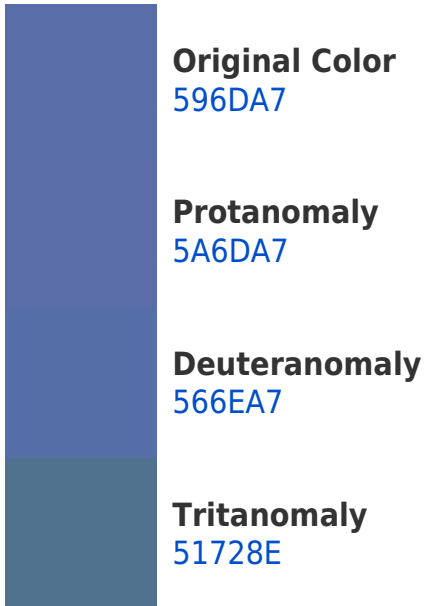
Protanopia
5A6DA7

Deuteranopia
546EA7



Tritanopia
4D757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 596DA7 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 #596DA7 looks like.

```
.text, #text, p{  
    color:#596DA7  
}
```

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 #596DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596DA7
}
```

Border

The CSS property to change the border of an element to Hex 596DA7 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
#596DA7 }
```

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

```
.border{ border-color:#596DA7 }
```

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

Here you see how a box with a 4 pixel #596DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596DA7; -webkit-box-shadow:4px 4px  
4px 4px #596DA7; box-shadow:4px 4px 4px  
4px #596DA7 }
```

Background

The CSS property to change the background color of an element to Hex 596DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596DA7 }
```

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

```
.background{ background-color:#596DA7 }
```

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