

Converting Colors

Hex(0061A7)

Have a look what the booklet for
Hex(0061A7) contains.

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Color

Hex(0061A7)

Conversions

Conversions Part 1

Format	Color
Hex	0061A7
RGB	0, 97, 167
RGB Percent	0%, 38%, 65%
CMY	1.0000, 0.6196, 0.3451
CMYK	1.00, 0.42, 0.00, 0.35
HSL	205°, 100%, 33%
HSV	205°, 100%, 65%
XYZ	11.2497, 11.3394, 38.1550
YIQ	75.9770, -80.2820, 1.2060

Conversions

Conversions Part 2

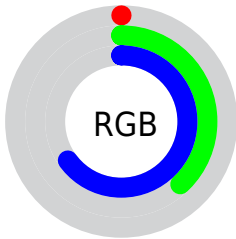
Format	Color
RYB	0, 61, 167
Decimal	24999
CIELab	40.15, 3.48, -44.20
CIELCh	40, 44.336, 274.505
Yxy	11.3394, 0.1852, 0.1867
Android (android.graphics.Color)	4278215079 (0xFF0061A7)
YUV	75.9770, 44.8743, -66.6318
Hunter-Lab	33.6740, 0.7033, -43.6078

Details

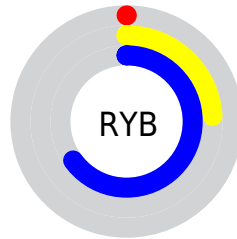
The Hex color **0061A7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A74600**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5893DF**, and **003472** is the 20% darker color. If you saturate the color by 10%, you get **0061A7**, and if you desaturate by 10%, it is **1168A7**.

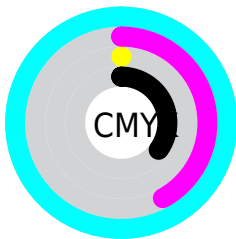
Distribution



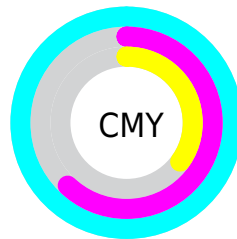
- Red (0%)
- Green (38%)
- Blue (65%)



- Red (0%)
- Yellow (24%)
- Blue (65%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0061A7 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 0061A7 by changing the saturation by 10% instead.

0061A7

0061A7

FFFFFF

004A8C

5893DF

003472

76AEFB

001F59

94C9FF

000542

B1E5FF

00032B

CFFFFFF

000115

EDFFFF

000000

0061A7

1168A7

■ 216FA7

■ 3276A7

■ 437DA7

■ 5384A7

■ 648BA7

■ 7592A7

■ 8699A7

■ 96A0A7

Harmonies

Analogous

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



006AA0



0061A7



67539B

Triad

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



0061A7



9C4338



006E3E

Complementary

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



0061A7



A74600

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.



47681E



0061A7



89511B

Square

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



0061A7



9F3C5B



6C5F0C



007063

Rectangle

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



0061A7



844889



6C5F0C



236C32

Sweetspot

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



0061A7



98BDD9



00A746



465D6E



EDEDED



6E6E6E

Same Dimension

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



0061A7



007ED9



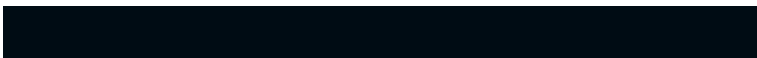
000EA7



4C5154



005694



000C14

Inverse Universe

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



A70061



D9007E



A79900



544C51



940056



14000C

Previews

White Background



This preview shows how the Hex color 0061A7 looks on a white background.

Color Contrast Check

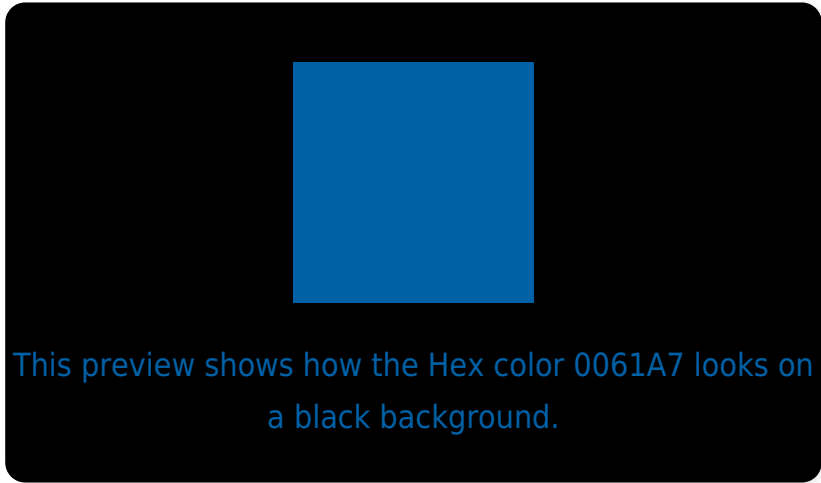
Large Text (above 18pt) WCAG AA ✓ Pass

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

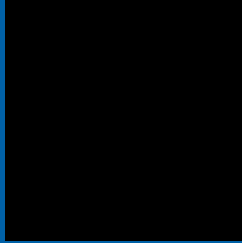
Any Text WCAG AA × Fail

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 0061A7 Background



This preview shows how black text looks on a background with the Hex color 0061A7.

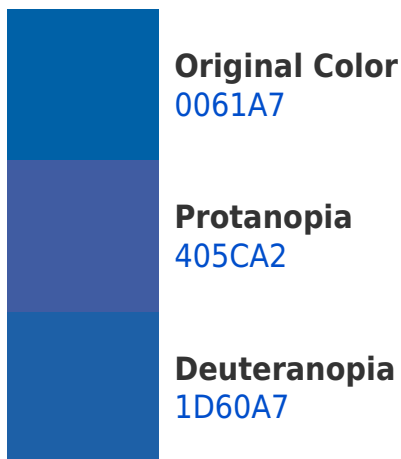


This preview shows how white text looks on a background with the Hex color 0061A7.

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



Trichromacy



Original Color
0061A7

Protanomaly
295EA4

Deuteranomaly
1260A7

Monochromacy



Original Color
0061A7

Achromatopsia
4C4C4C

Achromatomaly
30546D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0061A7 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 #0061A7 looks like.

```
.text, #text, p{  
    color:#0061A7  
}
```

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 #0061A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0061A7
}
```

Border

The CSS property to change the border of an element to Hex 0061A7 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
#0061A7 }
```

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

```
.border{ border-color:#0061A7 }
```

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

Here you see how a box with a 4 pixel #0061A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0061A7; -webkit-box-shadow:4px 4px  
4px 4px #0061A7; box-shadow:4px 4px 4px  
4px #0061A7 }
```

Background

The CSS property to change the background color of an element to Hex 0061A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0061A7 }
```

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

```
.background{ background-color:#0061A7 }
```

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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