

Converting Colors

Hex(0057A1)

Have a look what the booklet for
Hex(0057A1) contains.

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Color

Hex(0057A1)

Conversions

Conversions Part 1

Format	Color
Hex	0057A1
RGB	0, 87, 161
RGB Percent	0%, 34%, 63%
CMY	1.0000, 0.6588, 0.3686
CMYK	1.00, 0.46, 0.00, 0.37
HSL	208°, 100%, 32%
HSV	208°, 100%, 63%
XYZ	9.8412, 9.3896, 35.0119
YIQ	69.4230, -75.6060, 4.5700

Conversions

Conversions Part 2

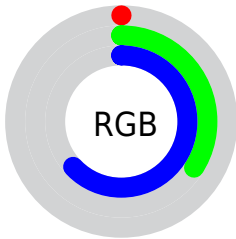
Format	Color
RYB	0, 56, 161
Decimal	22433
CIELab	36.72, 7.53, -46.12
CIElCh	37, 46.727, 279.272
Yxy	9.3896, 0.1814, 0.1731
Android (android.graphics.Color)	4278212513 (0xFF0057A1)
YUV	69.4230, 45.1475, -60.8840
Hunter-Lab	30.6425, 3.7033, -46.2947

Details

The Hex color **0057A1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A14A00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5688D8**, and **002B6D** is the 20% darker color. If you saturate the color by 10%, you get **0057A1**, and if you desaturate by 10%, it is **105EA1**.

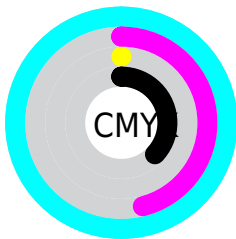
Distribution



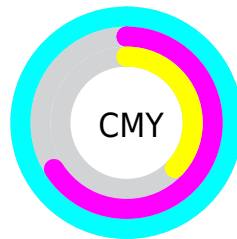
- Red (0%)
- Green (34%)
- Blue (63%)



- Red (0%)
- Yellow (22%)
- Blue (63%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (66%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0057A1 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 0057A1 by changing the saturation by 10% instead.

0057A1

0057A1

FFFFFF

004086

5688D8

002B6D

74A2F5

001754

92BDFF

00063C

AFD9FF

000225

CCF5FF

00010E

EAFFFF

000000

0057A1

105EA1

■ 2066A1

■ 306DA1

■ 4075A1

■ 517CA1

■ 6183A1

■ 718BA1

■ 8192A1

■ 919AA1

Harmonies

Analogous

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



00629D



0057A1



664791

Triad

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



0057A1



933A29



00663A

Complementary

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



0057A1



A14A00

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.



346115



0057A1



7D4B07

Square

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



0057A1



992F4C



5E5800



006861

Rectangle

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



0057A1



823B7D



5E5800



00652E

Sweetspot

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



0057A1



92B4D1



00A148



435769



E8E8E8



696969

Same Dimension

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



0057A1



0071D1



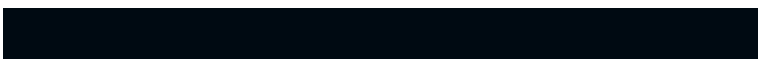
0008A1



494E52



004F91



000A12

Inverse Universe

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



A10057



D10071



A19900



52494E



91004F



12000A

Previews

White Background



This preview shows how the Hex color 0057A1 looks on a white background.

Color Contrast Check

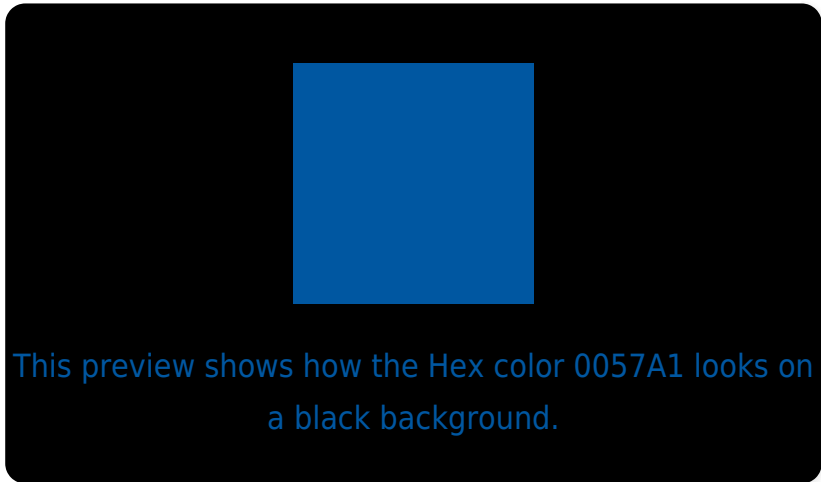
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

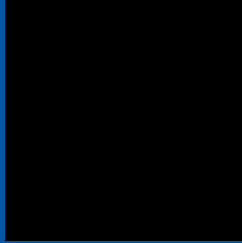
Any Text WCAG AA × Fail

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 0057A1 Background



This preview shows how black text looks on a background with the Hex color 0057A1.



This preview shows how white text looks on a background with the Hex color 0057A1.

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
0057A1

Protanomaly
1F559F

Deuteranomaly
00589D

Monochromacy



Original Color
0057A1

Achromatopsia
454545

Achromatomaly
2C4C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 0057A1 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 #0057A1 looks like.

```
.text, #text, p{  
    color:#0057A1  
}
```

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 #0057A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0057A1
}
```

Border

The CSS property to change the border of an element to Hex 0057A1 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
#0057A1 }
```

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

```
.border{ border-color:#0057A1 }
```

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

Here you see how a box with a 4 pixel #0057A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0057A1; -webkit-box-shadow:4px 4px  
4px 4px #0057A1; box-shadow:4px 4px 4px  
4px #0057A1 }
```

Background

The CSS property to change the background color of an element to Hex 0057A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0057A1 }
```

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

```
.background{ background-color:#0057A1 }
```

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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