

Converting Colors

Hex(0057AD)

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

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Color

Hex(0057AD)

Conversions

Conversions Part 1

Format	Color
Hex	0057AD
RGB	0, 87, 173
RGB Percent	0%, 34%, 68%
CMY	1.0000, 0.6588, 0.3216
CMYK	1.00, 0.50, 0.00, 0.32
HSL	210°, 100%, 34%
HSV	210°, 100%, 68%
XYZ	10.9510, 9.8335, 40.8560
YIQ	70.7910, -79.4580, 8.3020

Conversions

Conversions Part 2

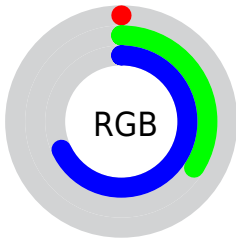
Format	Color
R _Y B	0, 58, 173
Decimal	22445
CIE Lab	37.54, 12.52, -51.94
CIE LCh	38, 53.427, 283.548
Yxy	9.8335, 0.1777, 0.1595
Android (android.graphics.Color)	4278212525 (0xFF0057AD)
YUV	70.7910, 50.3890, -62.0837
Hunter-Lab	31.3584, 7.4586, -55.2964

Details

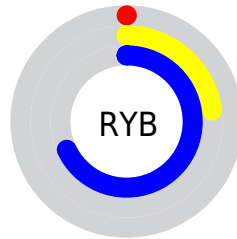
The Hex color **0057AD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AD5600**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A88E5**, and **002B78** is the 20% darker color. If you saturate the color by 10%, you get **0057AD**, and if you desaturate by 10%, it is **1160AD**.

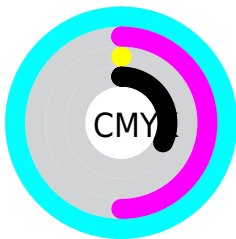
Distribution



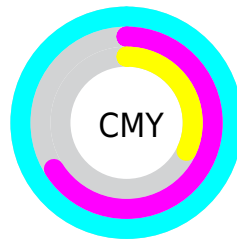
- Red (0%)
- Green (34%)
- Blue (68%)



- Red (0%)
- Yellow (23%)
- Blue (68%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (66%)
- Yellow (32%)

Brightness & Saturation Gradients

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

■ 0057AD

■ 0057AD

FFFFFF

■ 004092

■ 5A88E5

■ 002B78

■ 79A2FF

■ 00185E

■ 96BDFF

■ 000646

■ B4D9FF

■ 00042F

■ D2F5FF

■ 000119

■ F0FFFF

■ 000000

■ 0057AD

■ 1160AD

■ 2368AD

■ 3471AD

■ 4579AD

■ 5782AD

■ 688BAD

■ 7993AD

■ 8A9CAD

■ 9CA4AD

Harmonies

Analogous

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



0064AB



0057AD



724398

Triad

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



0057AD



99391E



006A3E

Complementary

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



0057AD



AD5600

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.



256610



0057AD



7F4E00

Square

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



0057AD



A42847



595C00



006C6B

Rectangle

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



0057AD



8F3480



595C00



00692F

Sweetspot

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



0057AD



9DBFE0



00AD54



485C70



F0F0F0



707070

Same Dimension

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



0057AD



0071E0



0003AD



4E5257



004C96



000C17

Inverse Universe

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



AD0057



E00071



ADAA00



574E52



96004C



17000C

Previews

White Background



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

Color Contrast Check

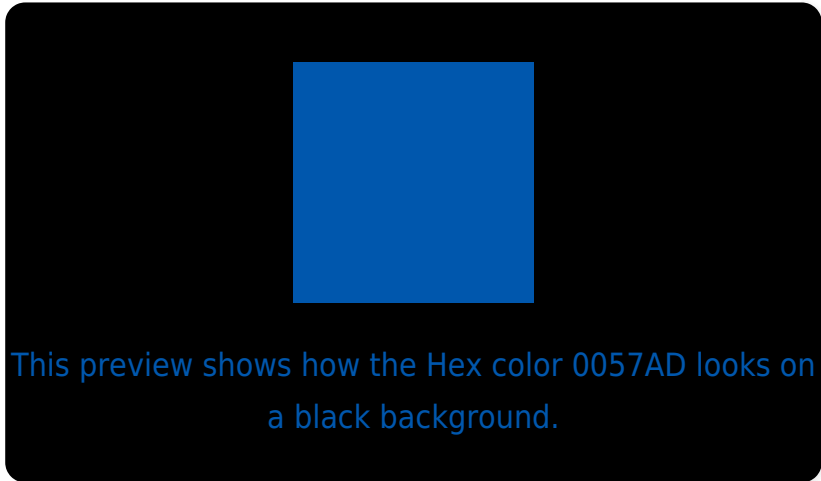
Large Text (above 18pt) WCAG AA ✓ Pass

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

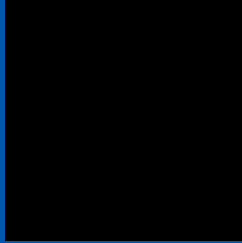
Any Text WCAG AA × Fail

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 0057AD Background



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

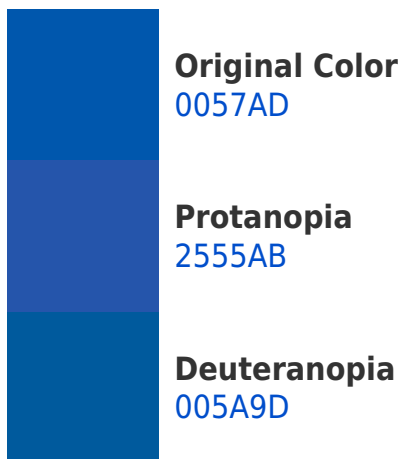


This preview shows how white text looks on a background with the Hex color 0057AD.

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
0057AD

Protanomaly
1856AC

Deuteranomaly
0059A3

Tritanomaly
005E82

Monochromacy



Original Color
0057AD

Achromatopsia
474747

Achromatomaly
2D4D6C

CSS Examples

Text

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

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

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 #0057AD colored shadow looks like.

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

Border

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

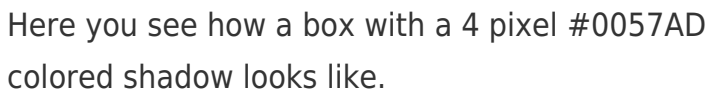
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0057AD }
```

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

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

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



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

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

Background

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

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

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

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

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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