

Converting Colors

Hex(0056AB)

Have a look what the booklet for
Hex(0056AB) contains.

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Color

Hex(0056AB)

Conversions

Conversions Part 1

Format	Color
Hex	0056AB
RGB	0, 86, 171
RGB Percent	0%, 34%, 67%
CMY	1.0000, 0.6627, 0.3294
CMYK	1.00, 0.50, 0.00, 0.33
HSL	210°, 100%, 34%
HSV	210°, 100%, 67%
XYZ	10.6785, 9.5959, 39.8174
YIQ	69.9760, -78.5410, 8.2030

Conversions

Conversions Part 2

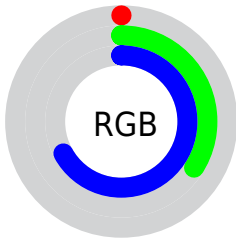
Format	Color
RYB	0, 57, 171
Decimal	22187
CIELab	37.11, 12.35, -51.46
CIELCh	37, 52.920, 283.501
Yxy	9.5959, 0.1777, 0.1597
Android (android.graphics.Color)	4278212267 (0xFF0056AB)
YUV	69.9760, 49.8048, -61.3690
Hunter-Lab	30.9772, 7.3226, -54.5262

Details

The Hex color **0056AB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AB5500**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5987E3**, and **002A76** is the 20% darker color. If you saturate the color by 10%, you get **0056AB**, and if you desaturate by 10%, it is **115EAB**.

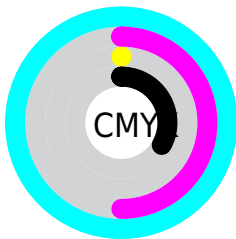
Distribution



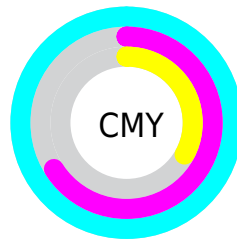
- Red (0%)
- Green (34%)
- Blue (67%)



- Red (0%)
- Yellow (22%)
- Blue (67%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0056AB 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 0056AB by changing the saturation by 10% instead.

■ 0056AB

■ 0056AB

FFFFFF

■ 003F90

■ 5987E3

■ 002A76

■ 78A1FF

■ 00175D

■ 96BCFF

■ 000844

■ B3D8FF

■ 00032D

■ D1F4FF

■ 000118

■ EFFFFFF

■ 000000

■ 0056AB

■ 115EAB

 2267AB

 336FAB

 4478AB

 5580AB

 6789AB

 7891AB

 899AAB

 9AA2AB

Harmonies

Analogous

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



0063A9



0056AB



714296

Triad

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



0056AB



97391D



00693D

Complementary

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



0056AB



AB5500

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.



246410



0056AB



7D4D00

Square

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



0056AB



A22746



585B00



006A6A

Rectangle

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



0056AB



8D337E



585B00



00682F

Sweetspot

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



0056AB



9BBDE



00AB53



485C70



F0F0F0



707070

Same Dimension

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



0056AB



0070DE



0003AB



4E5257



004C96



000C17

Inverse Universe

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



AB0056



DE0070



ABA800



574E52



96004C



17000C

Previews

White Background



This preview shows how the Hex color 0056AB looks on a white background.

Color Contrast Check

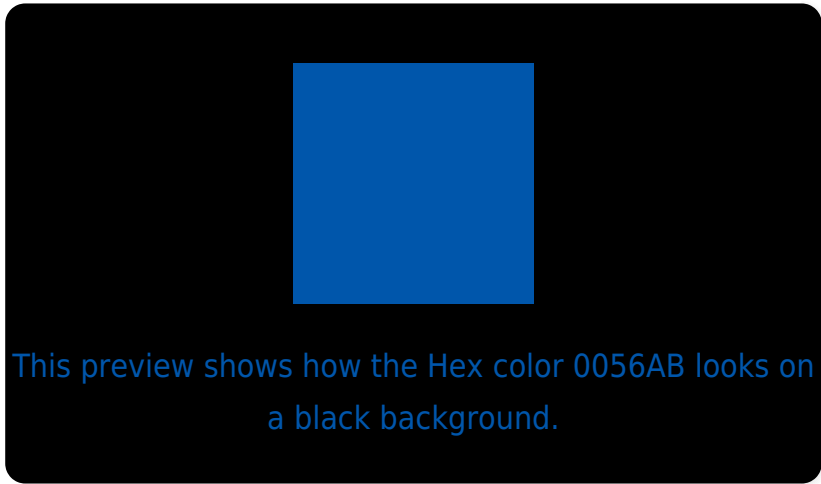
Large Text (above 18pt) WCAG AA ✓ Pass

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

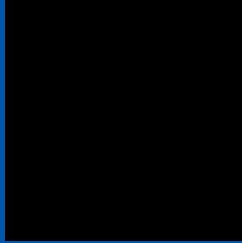
Any Text WCAG AA × Fail

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 0056AB Background



This preview shows how black text looks on a background with the Hex color 0056AB.

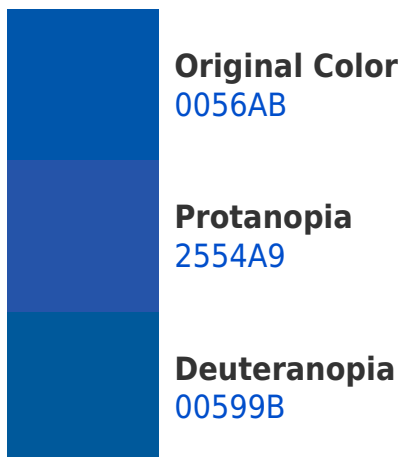


This preview shows how white text looks on a background with the Hex color 0056AB.

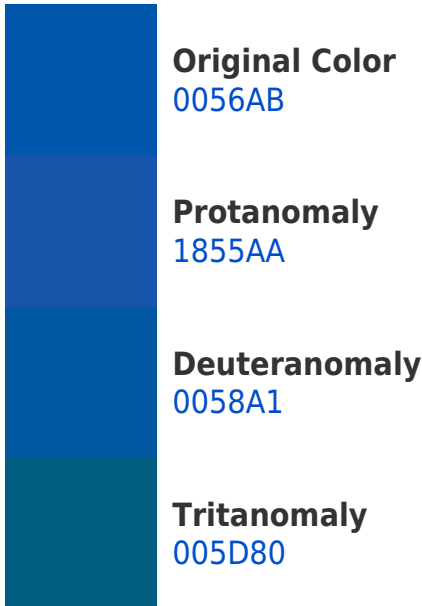
Color Blindness Simulation

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](#).

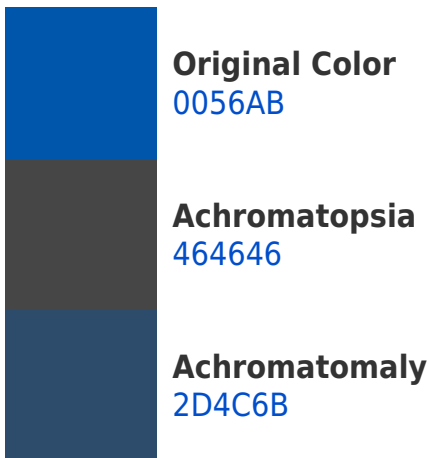
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0056AB 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 #0056AB looks like.

```
.text, #text, p{  
    color:#0056AB  
}
```

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 #0056AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0056AB
}
```

Border

The CSS property to change the border of an element to Hex 0056AB 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
#0056AB }
```

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

```
.border{ border-color:#0056AB }
```

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

Here you see how a box with a 4 pixel #0056AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0056AB; -webkit-box-shadow:4px 4px  
4px 4px #0056AB; box-shadow:4px 4px 4px  
4px #0056AB }
```

Background

The CSS property to change the background color of an element to Hex 0056AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0056AB }
```

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

```
.background{ background-color:#0056AB }
```

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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