

Converting Colors

Hex(005BA0)

Have a look what the booklet for
Hex(005BA0) contains.

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Color

Hex(005BA0)

Conversions

Conversions Part 1

Format	Color
Hex	005BA0
RGB	0, 91, 160
RGB Percent	0%, 36%, 63%
CMY	1.0000, 0.6431, 0.3725
CMYK	1.00, 0.43, 0.00, 0.37
HSL	206°, 100%, 31%
HSV	206°, 100%, 63%
XYZ	10.0862, 10.0202, 34.6602
YIQ	71.6570, -76.3850, 2.1670

Conversions

Conversions Part 2

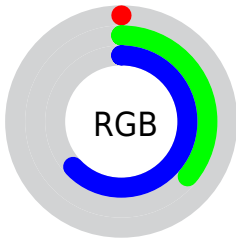
Format	Color
R_{YB}	0, 58, 160
Decimal	23456
CIE _{Lab}	37.88, 4.48, -43.66
CIE _{LCh}	38, 43.894, 275.863
Yxy	10.0202, 0.1842, 0.1830
Android (android.graphics.Color)	4278213536 (0xFF005BA0)
YUV	71.6570, 43.5531, -62.8432
Hunter-Lab	31.6548, 1.4802, -42.7609

Details

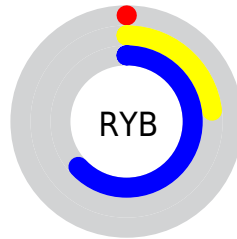
The Hex color **005BA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A04500**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **568DD7**, and **002E6C** is the 20% darker color. If you saturate the color by 10%, you get **005BA0**, and if you desaturate by 10%, it is **1062A0**.

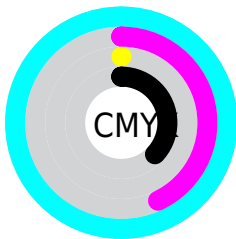
Distribution



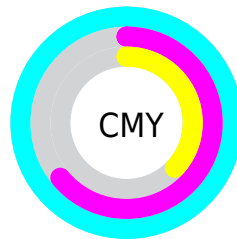
- Red (0%)
- Green (36%)
- Blue (63%)



- Red (0%)
- Yellow (23%)
- Blue (63%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005BA0 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 005BA0 by changing the saturation by 10% instead.

■ 005BA0

■ 005BA0

FFFFFF

■ 004485

■ 568DD7

■ 002E6C

■ 74A7F4

■ 001B53

■ 91C2FF

■ 00063B

■ AEDEFF

■ 000225

■ CCFAFF

■ 00010D

■ EAFFFF

■ 000000

■ 005BA0

■ 1062A0

■ 2069A0

■ 3070A0

■ 4077A0

■ 507DA0

■ 6084A0

■ 708BA0

■ 8092A0

■ 9099A0

Harmonies

Analogous

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



00649A



005BA0



634D93

Triad

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



005BA0



953E32



00683B

Complementary

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



005BA0



A04500

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.



3F631A



005BA0



824D15

Square

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



005BA0



993654



655A06



006A5F

Rectangle

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



005BA0



7F4281



655A06



19672F

Sweetspot

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



005BA0



92B6D1



00A043



435869



E8E8E8



696969

Same Dimension

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



005BA0



0077D1



000DA0



474C4F



00518F



00090F

Inverse Universe

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



A0005B



D10077



A09300



4F474C



8F0051



0F0009

Previews

White Background



This preview shows how the Hex color 005BA0 looks on a white background.

Color Contrast Check

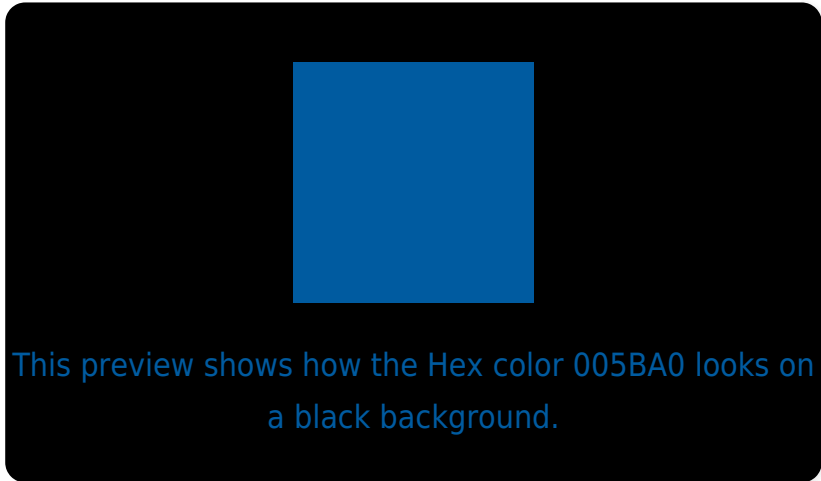
Large Text (above 18pt) WCAG AA ✓ Pass

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

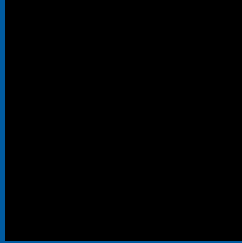
Any Text WCAG AA × Fail

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 005BA0 Background



This preview shows how black text looks on a background with the Hex color 005BA0.

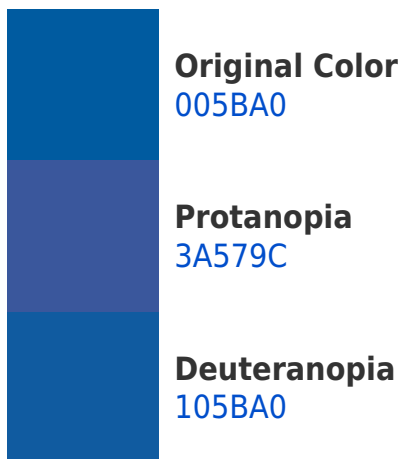


This preview shows how white text looks on a background with the Hex color 005BA0.

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





Tritanopia
00636A

Trichromacy



Original Color
005BA0

Protanomaly
25589D

Deuteranomaly
0A5BA0

Tritanomaly
00607E

Monochromacy



Original Color
005BA0

Achromatopsia
484848

Achromatomaly
2E4F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 005BA0 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 #005BA0 looks like.

```
.text, #text, p{  
    color:#005BA0  
}
```

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 #005BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005BA0
}
```

Border

The CSS property to change the border of an element to Hex 005BA0 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
#005BA0 }
```

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

```
.border{ border-color:#005BA0 }
```

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

Here you see how a box with a 4 pixel #005BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005BA0; -webkit-box-shadow:4px 4px  
4px 4px #005BA0; box-shadow:4px 4px 4px  
4px #005BA0 }
```

Background

The CSS property to change the background color of an element to Hex 005BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005BA0 }
```

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

```
.background{ background-color:#005BA0 }
```

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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