

Converting Colors

Hex(005BA6)

Have a look what the booklet for
Hex(005BA6) contains.

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Color

Hex(005BA6)

Conversions

Conversions Part 1

Format	Color
Hex	005BA6
RGB	0, 91, 166
RGB Percent	0%, 36%, 65%
CMY	1.0000, 0.6431, 0.3490
CMYK	1.00, 0.45, 0.00, 0.35
HSL	207°, 100%, 33%
HSV	207°, 100%, 65%
XYZ	10.6240, 10.2353, 37.4921
YIQ	72.3410, -78.3110, 4.0330

Conversions

Conversions Part 2

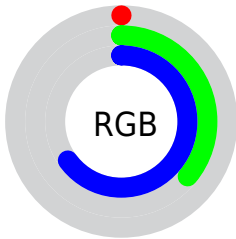
Format	Color
RYB	0, 59, 166
Decimal	23462
CIELab	38.26, 6.97, -46.63
CIELCh	38, 47.145, 278.499
Yxy	10.2353, 0.1821, 0.1754
Android (android.graphics.Color)	4278213542 (0xFF005BA6)
YUV	72.3410, 46.1739, -63.4431
Hunter-Lab	31.9927, 3.2883, -47.0867

Details

The Hex color **005BA6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A64B00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **588DDE**, and **002E71** is the 20% darker color. If you saturate the color by 10%, you get **005BA6**, and if you desaturate by 10%, it is **1163A6**.

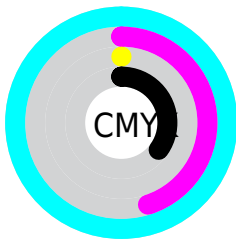
Distribution



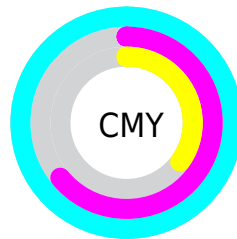
- Red (0%)
- Green (36%)
- Blue (65%)



- Red (0%)
- Yellow (23%)
- Blue (65%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005BA6 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 005BA6 by changing the saturation by 10% instead.

■ 005BA6

■ 005BA6

FFFFFF

■ 00448B

■ 588DDE

■ 002E71

■ 76A7FA

■ 001B58

■ 93C2FF

■ 000740

■ B1DEFF

■ 000329

■ CEFAFF

■ 000114

■ ECFFFF

■ 000000

■ 005BA6

■ 1163A6

■ 216AA6

■ 3272A6

■ 4279A6

■ 5381A6

■ 6488A6

■ 7490A6

■ 8597A6

■ 959FA6

Harmonies

Analogous

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



0066A1



005BA6



694B96

Triad

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



005BA6



983D2C



006A3C

Complementary

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



005BA6



A64B00

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.



396518



005BA6



824E0B

Square

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



005BA6



9E3351



635C00



006C64

Rectangle

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



005BA6



863F83



635C00



006930

Sweetspot

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



005BA6



98BBD9



00A64B



465C6E



EDEDED



6E6E6E

Same Dimension

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



005BA6



0077D9



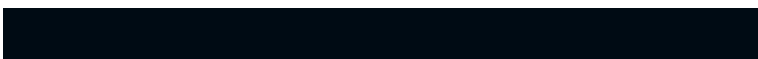
0008A6



4C5054



005194



000B14

Inverse Universe

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



A6005B



D90077



A69E00



544C50



940051



14000B

Previews

White Background



This preview shows how the Hex color 005BA6 looks on a white background.

Color Contrast Check

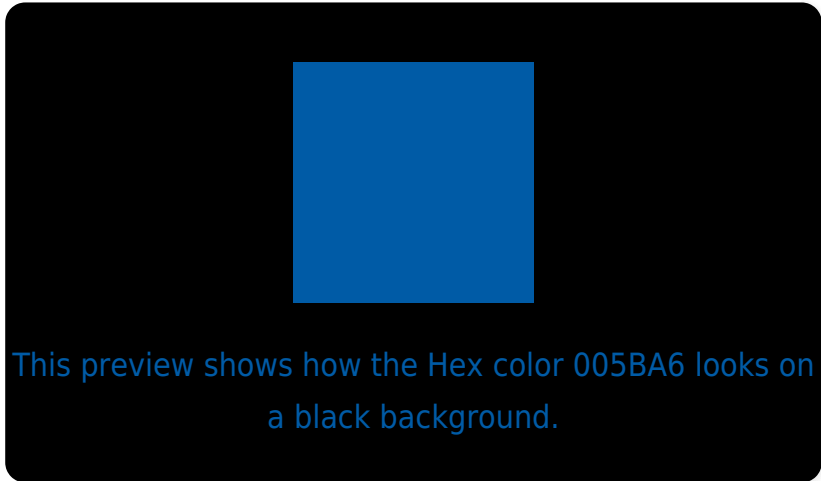
Large Text (above 18pt) WCAG AA ✓ Pass

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

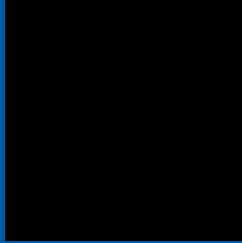
Any Text WCAG AA × Fail

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 005BA6 Background



This preview shows how black text looks on a background with the Hex color 005BA6.

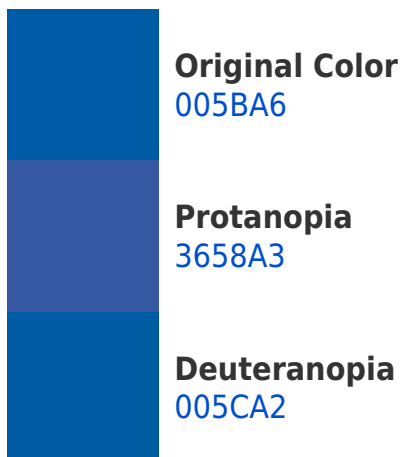


This preview shows how white text looks on a background with the Hex color 005BA6.

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
00646B

Trichromacy



Original Color
005BA6

Protanomaly
2259A4

Deuteranomaly
005CA3

Tritanomaly
006180

Monochromacy



Original Color
005BA6

Achromatopsia
484848

Achromatomaly
2E4F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005BA6 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 #005BA6 looks like.

```
.text, #text, p{  
    color:#005BA6  
}
```

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 #005BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005BA6
}
```

Border

The CSS property to change the border of an element to Hex 005BA6 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
#005BA6 }
```

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

```
.border{ border-color:#005BA6 }
```

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

Here you see how a box with a 4 pixel #005BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005BA6; -webkit-box-shadow:4px 4px  
4px 4px #005BA6; box-shadow:4px 4px 4px  
4px #005BA6 }
```

Background

The CSS property to change the background color of an element to Hex 005BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005BA6 }
```

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

```
.background{ background-color:#005BA6 }
```

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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