

Converting Colors

Hex(005DBC)

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

Hex(005DBC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005DBC)

Conversions

Conversions Part 1

Format	Color
Hex	005DBC
RGB	0, 93, 188
RGB Percent	0%, 36%, 74%
CMY	1.0000, 0.6353, 0.2627
CMYK	1.00, 0.51, 0.00, 0.26
HSL	210°, 100%, 37%
HSV	210°, 100%, 74%
XYZ	12.9915, 11.4595, 49.1041
YIQ	76.0230, -85.9230, 9.8290

Conversions

Conversions Part 2

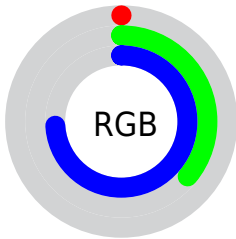
Format	Color
R_{YB}	0, 62, 188
Decimal	23996
CIE _{Lab}	40.34, 14.70, -56.23
CIE _{LCh}	40, 58.118, 284.648
Yxy	11.4595, 0.1766, 0.1558
Android (android.graphics.Color)	4278214076 (0xFF005DBC)
YUV	76.0230, 55.2047, -66.6722
Hunter-Lab	33.8519, 9.2625, -62.3071

Details

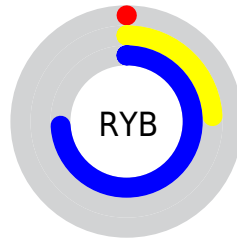
The Hex color **005DBC** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BC5F00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5E8FF5**, and **003086** is the 20% darker color. If you saturate the color by 10%, you get **005DBC**, and if you desaturate by 10%, it is **1367BC**.

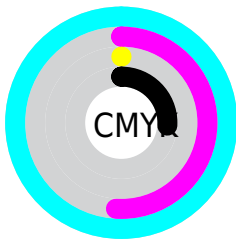
Distribution



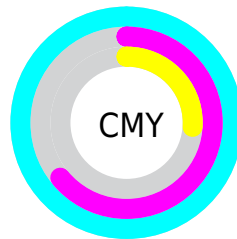
- Red (0%)
- Green (36%)
- Blue (74%)



- Red (0%)
- Yellow (24%)
- Blue (74%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (64%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 005DBC

■ 005DBC

FFFFFF

■ 0046A1

■ 5E8FF5

■ 003086

■ 7EA9FF

■ 001D6C

■ 9CC4FF

■ 000153

■ BAE0FF

■ 00063B

■ D8FCFF

■ 000224

■ F7FFFF

■ 00000C

■ 000000

■ 005DBC

■ 1367BC

■ 2670BC

■ 387ABC

■ 4B83BC

■ 5E8DBC

■ 7196BC

■ 84A0BC

■ 96A9BC

■ A9B3BC

Harmonies

Analogous

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



006CBB



005DBC



7D46A3

Triad

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



005DBC



A53D1D



007344

Complementary

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



005DBC



BC5F00

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.



216E10



005DBC



875400

Square

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



005DBC



B2284A



5E6400



007476

Rectangle

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



005DBC



9D3589



5E6400



007134

Sweetspot

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



005DBC



ABD0F5



00BC5E



4E647A



FAFAFA



7A7A7A

Same Dimension

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



005DBC



0079F5



0000BC



555A5E



004E9E



000F1F

Inverse Universe

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



BC005D



F50079



BCBC00



5E555A



9E004E



1F000F

Previews

White Background



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

Color Contrast Check

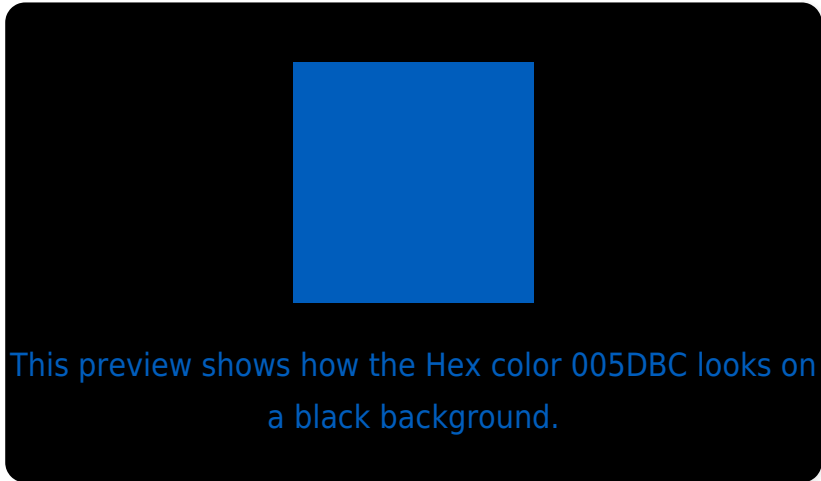
Large Text (above 18pt) WCAG AA ✓ Pass

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

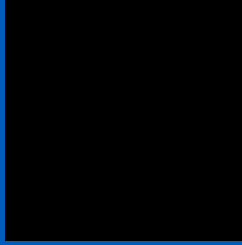
Any Text WCAG AA × Fail

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 005DBC Background



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

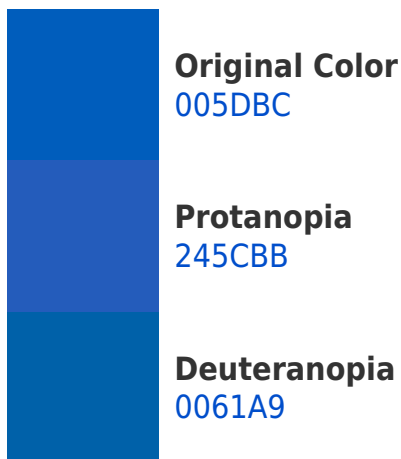


This preview shows how white text looks on a background with the Hex color 005DBC.

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](#).

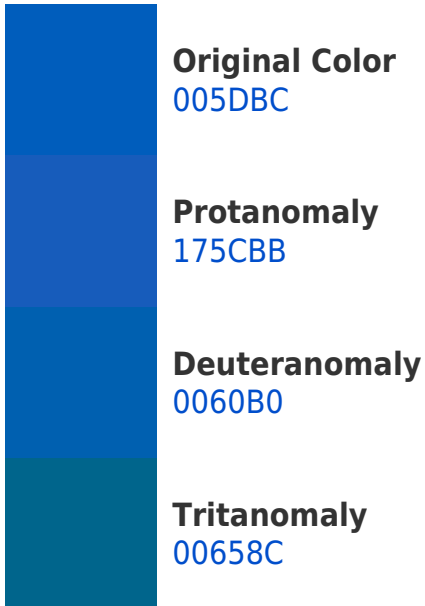
Dichromacy





Tritanopia
006A70

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #005DBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor