

Converting Colors

Hex(006D9B)

Have a look what the booklet for
Hex(006D9B) contains.

Hex(006D9B)	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(006D9B)

Conversions

Conversions Part 1

Format	Color
Hex	006D9B
RGB	0, 109, 155
RGB Percent	0%, 43%, 61%
CMY	1.0000, 0.5725, 0.3922
CMYK	1.00, 0.30, 0.00, 0.39
HSL	198°, 100%, 30%
HSV	198°, 100%, 61%
XYZ	11.3850, 13.3038, 32.9782
YIQ	81.6530, -79.7300, -8.8020

Conversions

Conversions Part 2

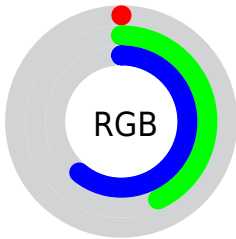
Format	Color
RYB	0, 64, 155
Decimal	28059
CIELab	43.22, -8.78, -32.21
CIELCh	43, 33.388, 254.762
Yxy	13.3038, 0.1974, 0.2307
Android (android.graphics.Color)	4278218139 (0xFF006D9B)
YUV	81.6530, 36.1601, -71.6097
Hunter-Lab	36.4744, -8.1137, -28.0747

Details

The Hex color **006D9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B2E00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **55A0D2**, and **003E67** is the 20% darker color. If you saturate the color by 10%, you get **006D9B**, and if you desaturate by 10%, it is **0F729B**.

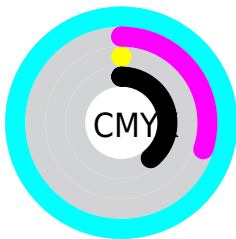
Distribution



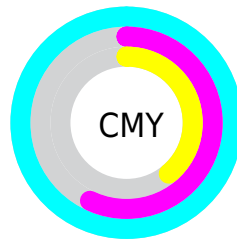
- Red (0%)
- Green (43%)
- Blue (61%)



- Red (0%)
- Yellow (25%)
- Blue (61%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006D9B 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 006D9B by changing the saturation by 10% instead.

006D9B

006D9B

FFFFFF

005581

55A0D2

003E67

73BBEE

00284F

90D7FF

001438

ADF3FF

000222

CBFFFF

000008

E8FFFF

000000

006D9B

0F729B

 1F769B

 2F7B9B

 3E7F9B

 4E849B

 5D899B

 6C8D9B

 7C929B

 8B969B

Harmonies

Analogous

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



00728C



006D9B



51649B

Triad

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



006D9B



9B4F59



4B703E

Complementary

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



006D9B



9B2E00

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.



69692F



006D9B



945640

Square

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



006D9B



925175



836030



1F7357

Rectangle

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



006D9B



6E5D94



836030



566E37

Sweetspot

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



006D9B



8DB8C9



009B2C



415B66



E6E6E6



666666

Same Dimension

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



006D9B



008EC9



00229B



454A4D



00638C



00090D

Inverse Universe

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



9B006D



C9008E



9B7900



4D454A



8C0063



0D0009

Previews

White Background



This preview shows how the Hex color 006D9B looks on a white background.

Color Contrast Check

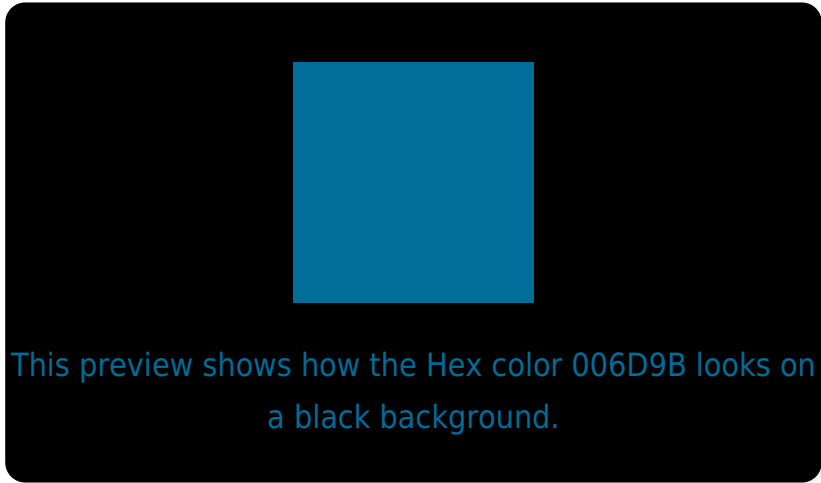
Large Text (above 18pt) WCAG AA ✓ Pass

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

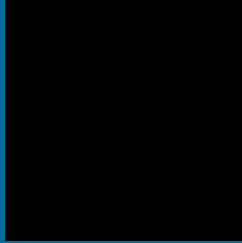
Any Text WCAG AA × Fail

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 006D9B Background



This preview shows how black text looks on a background with the Hex color 006D9B.



This preview shows how white text looks on a background with the Hex color 006D9B.

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
00717A

Trichromacy



Original Color
006D9B

Protanomaly
376797

Deuteranomaly
2F699C

Tritanomaly
007086

Monochromacy



Original Color
006D9B

Achromatopsia
525252

Achromatomaly
345C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006D9B 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 #006D9B looks like.

```
.text, #text, p{  
    color:#006D9B  
}
```

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 #006D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D9B
}
```

Border

The CSS property to change the border of an element to Hex 006D9B 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
#006D9B }
```

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

```
.border{ border-color:#006D9B }
```

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

Here you see how a box with a 4 pixel #006D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D9B; -webkit-box-shadow:4px 4px  
4px 4px #006D9B; box-shadow:4px 4px 4px  
4px #006D9B }
```

Background

The CSS property to change the background color of an element to Hex 006D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D9B }
```

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

```
.background{ background-color:#006D9B }
```

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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