

Converting Colors

Hex(006ABC)

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

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Color

Hex(006ABC)

Conversions

Conversions Part 1

Format	Color
Hex	006ABC
RGB	0, 106, 188
RGB Percent	0%, 42%, 74%
CMY	1.0000, 0.5843, 0.2627
CMYK	1.00, 0.44, 0.00, 0.26
HSL	206°, 100%, 37%
HSV	206°, 100%, 74%
XYZ	14.2311, 13.9389, 49.5174
YIQ	83.6540, -89.4980, 3.0300

Conversions

Conversions Part 2

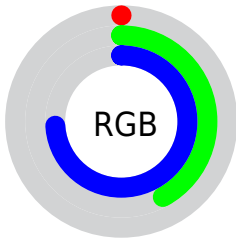
Format	Color
R _Y B	0, 68, 188
Decimal	27324
CIE Lab	44.15, 6.26, -50.10
CIE LCh	44, 50.493, 277.118
Yxy	13.9389, 0.1832, 0.1794
Android (android.graphics.Color)	4278217404 (0xFF006ABC)
YUV	83.6540, 51.4426, -73.3646
Hunter-Lab	37.3348, 2.7039, -52.5022

Details

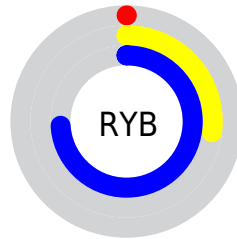
The Hex color **006ABC** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BC5200**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5E9DF5**, and **003C86** is the 20% darker color. If you saturate the color by 10%, you get **006ABC**, and if you desaturate by 10%, it is **1372BC**.

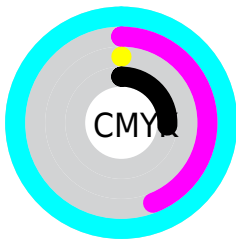
Distribution



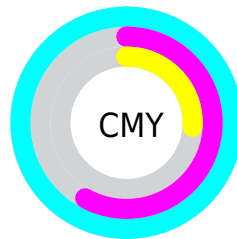
- Red (0%)
- Green (42%)
- Blue (74%)



- Red (0%)
- Yellow (27%)
- Blue (74%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 006ABC

 006ABC

FFFFFF

 0052A1

 5E9DF5

 003C86

 7DB7FF

 00276C

 9BD3FF

 001353

 BAEFFF

 00063B

 D8FFFF

 000225

 F6FFFF

 00010D

 000000

 006ABC

■ 1372BC

■ 267ABC

■ 3883BC

■ 4B8BBC

■ 5E93BC

■ 719BBC

■ 84A3BC

■ 96ACBC

■ A9B4BC

Harmonies

Analogous

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



0075B6



006ABC



7659AC

Triad

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



006ABC



AE4938



007A46

Complementary

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



006ABC



BC5200

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.



47741F



006ABC



975A15

Square

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



006ABC



B33E60



746A02



007C71

Rectangle

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



006ABC



974C97



746A02



147838

Sweetspot

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



006ABC



ABD5F5



00BC51



4E677A



FAFAFA



7A7A7A

Same Dimension

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



006ABC



008AF5



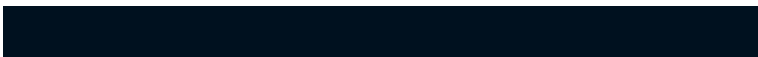
000DBC



555A5E



00599E



00111F

Inverse Universe

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



BC006A



F5008A



BCAF00



5E555A



9E0059



1F0011

Previews

White Background



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

Color Contrast Check

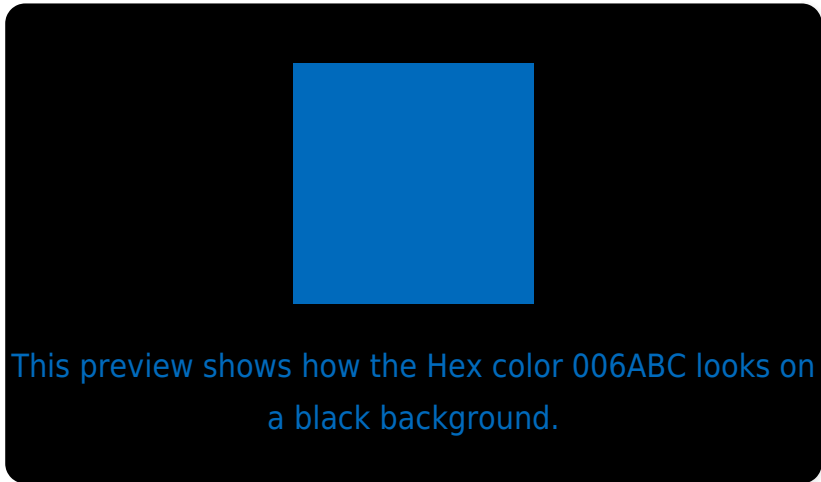
Large Text (above 18pt) WCAG AA ✓ Pass

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

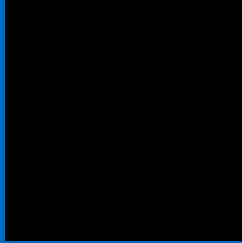
Any Text WCAG AA × Fail

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 006ABC Background



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



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

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](#).

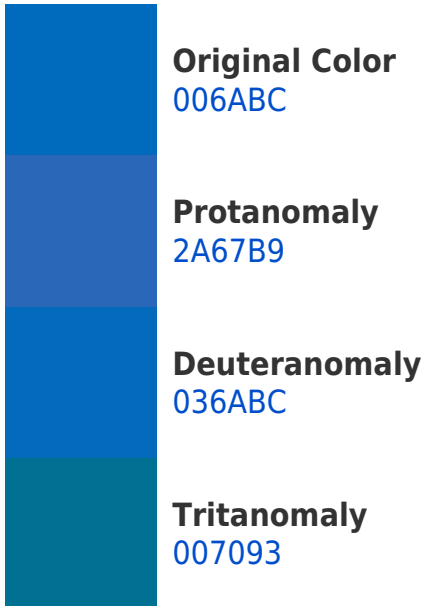
Dichromacy



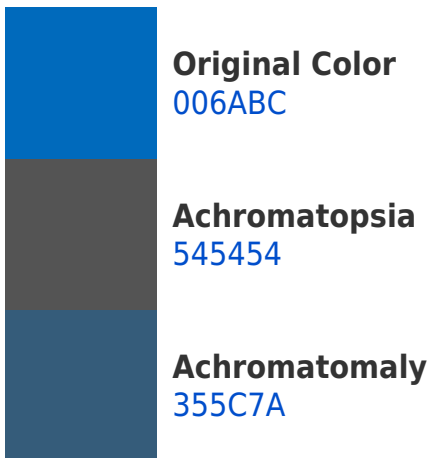


Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006ABC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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