

# Converting Colors

Hex(056ABC)

Have a look what the booklet for  
Hex(056ABC) contains.

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# Color

**Hex(056ABC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	056ABC
RGB	5, 106, 188
RGB Percent	2%, 42%, 74%
CMY	0.9804, 0.5843, 0.2627
CMYK	0.97, 0.44, 0.00, 0.26
HSL	207°, 95%, 38%
HSV	207°, 97%, 74%
XYZ	14.2937, 13.9712, 49.5203
YIQ	85.1490, -86.5180, 4.0900

# Conversions

## Conversions Part 2

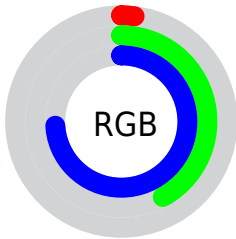
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 70, 188
Decimal	355004
CIE Lab	44.19, 6.45, -50.03
CIE LCh	44, 50.440, 277.342
Yxy	13.9712, 0.1838, 0.1796
Android (android.graphics.Color)	4278545084 (0xFF056ABC)
YUV	85.1490, 50.7055, -70.2907
Hunter-Lab	37.3780, 2.8486, -52.3858

# Details

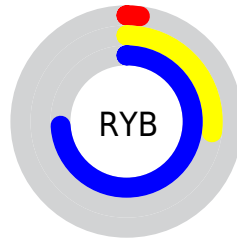
The Hex color **056ABC** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BC5705**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5F9DF5**, and **003C86** is the 20% darker color. If you saturate the color by 10%, you get **0068BC**, and if you desaturate by 10%, it is **1872BC**.

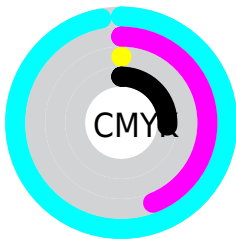
# Distribution



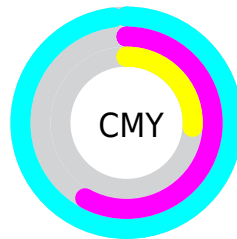
- Red (2%)
- Green (42%)
- Blue (74%)



- Red (2%)
- Yellow (27%)
- Blue (74%)



- Cyan (97%)
- Magenta (44%)
- Yellow (0%)
- Black (26%)



- Cyan (98%)
- Magenta (58%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 056ABC 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 056ABC by changing the saturation by 10% instead.



■ 056ABC

■ 056ABC

FFFFFF

■ 0052A1

■ 5F9DF5

■ 003C86

■ 7EB7FF

■ 00276C

■ 9CD3FF

■ 001353

■ BAEFFF

■ 00063B

■ D9FFFF

■ 000225

■ F7FFFF

■ 00010D

■ 000000

■ 056ABC

■ 056ABC

■ 0068BC

■ 1872BC

■ 2B7BBC

■ 3D83BC

■ 508CBC

■ 6394BC

■ 769DBC

■ 89A5BC

■ 9BADBC

■ AEB6BC

# Harmonies

## Analogous

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



0075B6



056ABC



7759AC

# Triad

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



056ABC



AE4938



007A46

# Complementary

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



056ABC



BC5705

# 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



056ABC



965A15

# Square

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



056ABC



B33E60



746A02



007C72

# Rectangle

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



056ABC



974C96



746A02



137839



# Sweetspot

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



056ABC



AED5F5



05BC54



50677A



FAFAFA



7A7A7A



# Same Dimension

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



056ABC



0087F5



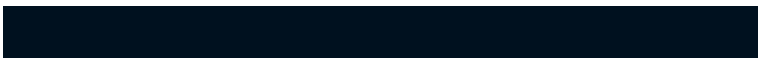
0511BC



555A5E



00579E



00111F



# Inverse Universe

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



BC056A



F50087



BCB005



5E555A



9E0057



1F0011



# Previews

## White Background



This preview shows how the Hex color 056ABC looks on a white background.

### Color Contrast Check

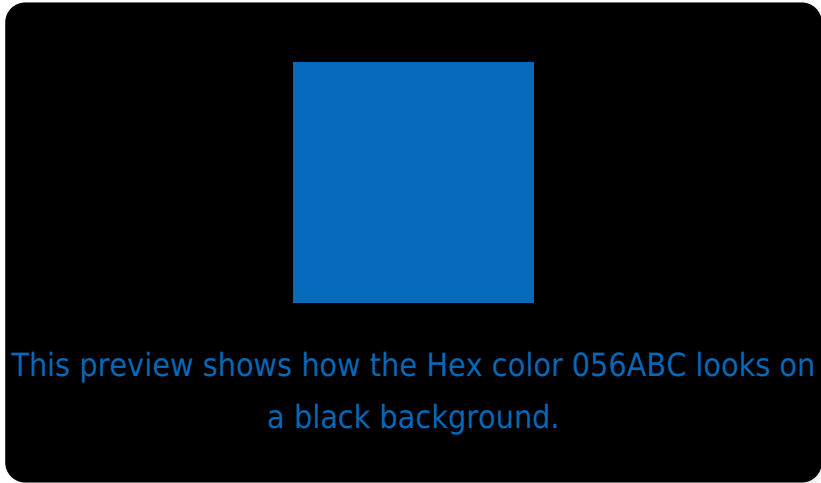
Large Text (above 18pt) WCAG AA ✓ Pass

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

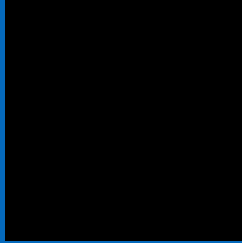
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 056ABC Background



This preview shows how black text looks on a background with the Hex color 056ABC.



This preview shows how white text looks on a background with the Hex color 056ABC.

# 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](#).

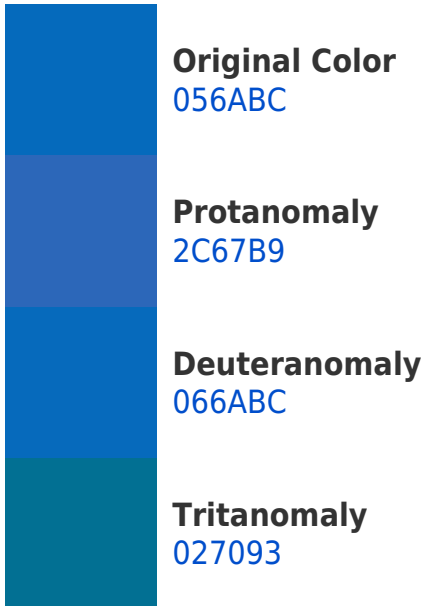
## Dichromacy



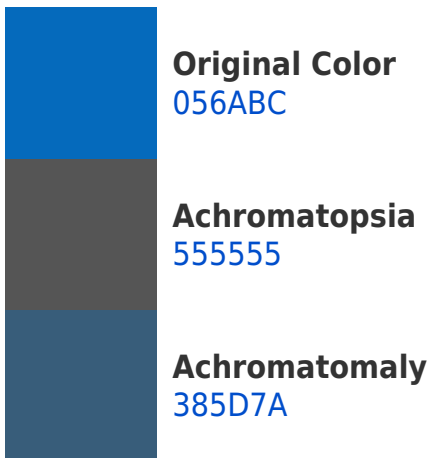


**Tritanopia**  
00747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 056ABC 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 #056ABC looks like.

```
.text, #text, p{  
    color:#056ABC  
}
```

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 #056ABC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056ABC
}
```

## Border

The CSS property to change the border of an element to Hex 056ABC 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
#056ABC }
```

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

```
.border{ border-color:#056ABC }
```

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

Here you see how a box with a 4 pixel #056ABC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056ABC; -webkit-box-shadow:4px 4px  
4px 4px #056ABC; box-shadow:4px 4px 4px  
4px #056ABC }
```

# Background

The CSS property to change the background color of an element to Hex 056ABC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056ABC }
```

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

```
.background{ background-color:#056ABC }
```

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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