

Converting Colors

Hex(056799)

Have a look what the booklet for
Hex(056799) contains.

Hex(056799)	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(056799)

Conversions

Conversions Part 1

Format	Color
Hex	056799
RGB	5, 103, 153
RGB Percent	2%, 40%, 60%
CMY	0.9804, 0.5961, 0.4000
CMYK	0.97, 0.33, 0.00, 0.40
HSL	200°, 94%, 31%
HSV	200°, 97%, 60%
XYZ	10.6626, 12.0327, 31.8975
YIQ	79.3980, -74.4580, -5.2260

Conversions

Conversions Part 2

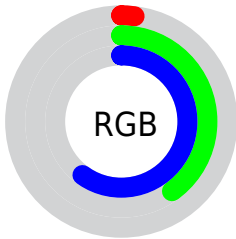
Format	Color
RYB	5, 64, 153
Decimal	354201
CIELab	41.27, -5.70, -34.09
CIELCh	41, 34.565, 260.509
Yxy	12.0327, 0.1953, 0.2204
Android (android.graphics.Color)	4278544281 (0xFF056799)
YUV	79.3980, 36.2858, -65.2470
Hunter-Lab	34.6881, -5.8361, -30.2385

Details

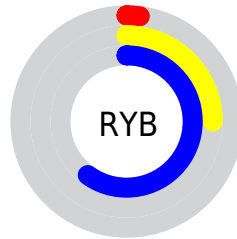
The Hex color **056799** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **993705**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **569AD0**, and **003866** is the 20% darker color. If you saturate the color by 10%, you get **006599**, and if you desaturate by 10%, it is **146C99**.

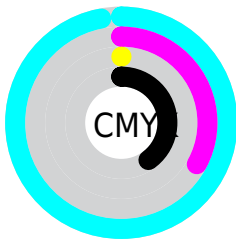
Distribution



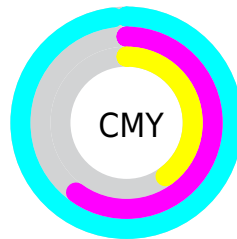
- Red (2%)
- Green (40%)
- Blue (60%)



- Red (2%)
- Yellow (25%)
- Blue (60%)



- Cyan (97%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 056799 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 056799 by changing the saturation by 10% instead.

■ 056799

■ 056799

FFFFFF

■ 004F7F

■ 569AD0

■ 003866

■ 73B5EC

■ 00234D

■ 90D0FF

■ 000D36

■ ADECFF

■ 000220

■ CAFFFF

■ 000004

■ E8FFFF

■ 000000

■ 056799

■ 056799

■ 006599

■ 146C99

■ 247199

■ 337799

■ 427C99

■ 528199

■ 618699

■ 708B99

■ 7F9099

■ 8F9699

Harmonies

Analogous

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



006D8C



056799



555D96

Triad

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



056799



974A4F



3D6C3C

Complementary

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



056799



993705

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.



5F662A



056799



8D5236

Square

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



056799



914A6C



7A5D28



006F57

Rectangle

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



056799



71568D



7A5D28



4A6A34

Sweetspot

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



056799



8DB3C7



059936



415863



E3E3E3



636363

Same Dimension

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



056799



0084C7



051E99



454A4D



005D8C



00080D

Inverse Universe

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



990567



C70084



998005



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 056799 looks on a white background.

Color Contrast Check

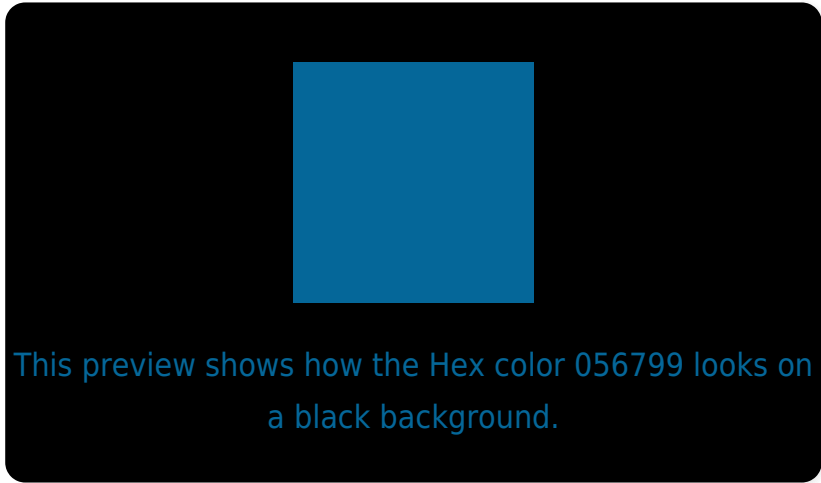
Large Text (above 18pt) WCAG AA ✓ Pass

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

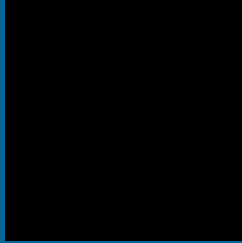
Any Text WCAG AA × Fail

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 056799 Background



This preview shows how black text looks on a background with the Hex color 056799.



This preview shows how white text looks on a background with the Hex color 056799.

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](#).

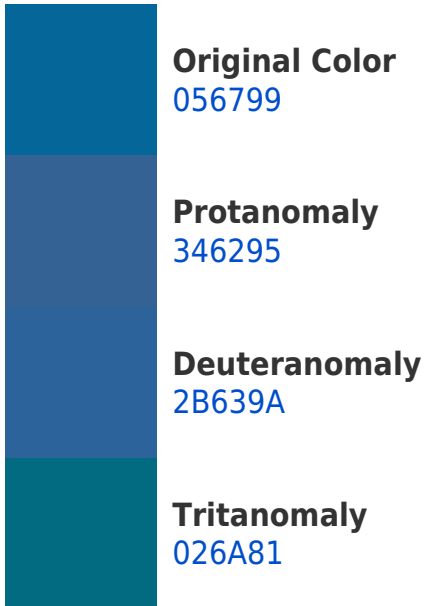
Dichromacy





Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 056799 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 #056799 looks like.

```
.text, #text, p{  
    color:#056799  
}
```

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 #056799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056799
}
```

Border

The CSS property to change the border of an element to Hex 056799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

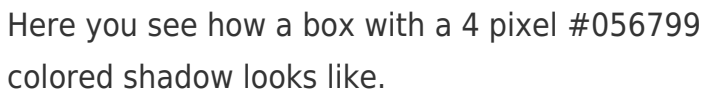
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#056799 }
```

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

```
.border{ border-color:#056799 }
```

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



Here you see how a box with a 4 pixel #056799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056799; -webkit-box-shadow:4px 4px  
4px 4px #056799; box-shadow:4px 4px 4px  
4px #056799 }
```

Background

The CSS property to change the background color of an element to Hex 056799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056799 }
```

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

```
.background{ background-color:#056799 }
```

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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