

Converting Colors

Hex(065B9C)

Have a look what the booklet for
Hex(065B9C) contains.

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Color

Hex(065B9C)

Conversions

Conversions Part 1

Format	Color
Hex	065B9C
RGB	6, 91, 156
RGB Percent	2%, 36%, 61%
CMY	0.9765, 0.6431, 0.3882
CMYK	0.96, 0.42, 0.00, 0.39
HSL	206°, 93%, 32%
HSV	206°, 96%, 61%
XYZ	9.8169, 9.9212, 32.8501
YIQ	72.9950, -71.5250, 2.1950

Conversions

Conversions Part 2

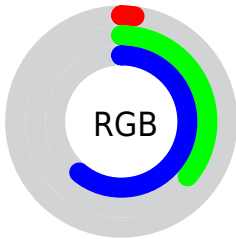
Format	Color
R _{YB}	6, 60, 156
Decimal	416668
CIE Lab	37.70, 3.13, -41.55
CIE LCh	38, 41.669, 274.301
Yxy	9.9212, 0.1867, 0.1887
Android (android.graphics.Color)	4278606748 (0xFF065B9C)
YUV	72.9950, 40.9215, -58.7546
Hunter-Lab	31.4979, 0.5116, -39.7867

Details

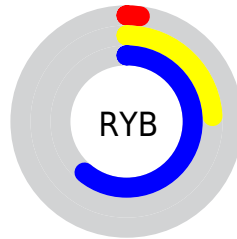
The Hex color **065B9C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C4706**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **568DD3**, and **002E68** is the 20% darker color. If you saturate the color by 10%, you get **00589C**, and if you desaturate by 10%, it is **16629C**.

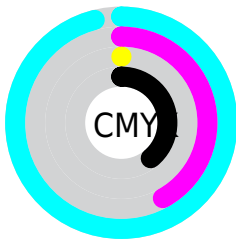
Distribution



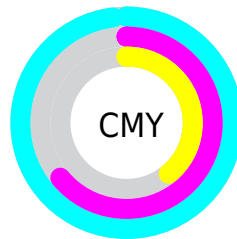
- Red (2%)
- Green (36%)
- Blue (61%)



- Red (2%)
- Yellow (24%)
- Blue (61%)



- Cyan (96%)
- Magenta (42%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065B9C 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 065B9C by changing the saturation by 10% instead.

065B9C

065B9C

FFFFFF

004482

568DD3

002E68

74A7F0

001A50

91C2FF

000538

AEDEFF

000222

CBFAFF

000008

E9FFFF

000000

065B9C

065B9C

00589C

16629C

■ 25699C

■ 356F9C

■ 44769C

■ 547D9C

■ 64849C

■ 738A9C

■ 83919C

■ 92989C

Harmonies

Analogous

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



006495



065B9C



604E91

Triad

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



065B9C



923F35



00673A

Complementary

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



065B9C



9C4706

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.



43621C



065B9C



814C1A

Square

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



065B9C



953855



66590D



00695D

Rectangle

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



065B9C



7B4480



66590D



22652F

Sweetspot

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



065B9C



91B2CC



069C47



425766



E6E6E6



666666

Same Dimension

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



065B9C



0074CC



06109C



474C4F



00518F



00090F

Inverse Universe

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



9C065B



CC0074



9C9206



4F474C



8F0051



0F0009

Previews

White Background



This preview shows how the Hex color 065B9C looks on a white background.

Color Contrast Check

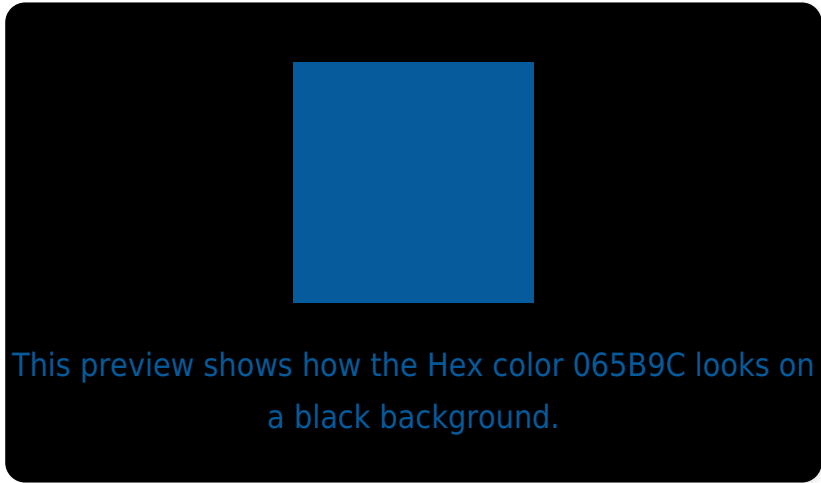
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

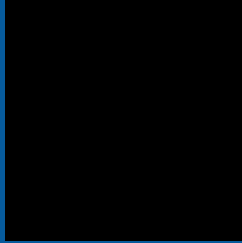
Any Text WCAG AA × Fail

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 065B9C Background



This preview shows how black text looks on a background with the Hex color 065B9C.



This preview shows how white text looks on a background with the Hex color 065B9C.

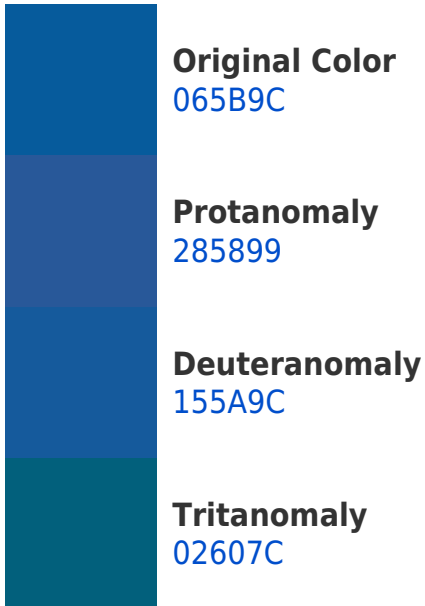
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 065B9C 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 #065B9C looks like.

```
.text, #text, p{  
    color:#065B9C  
}
```

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 #065B9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065B9C
}
```

Border

The CSS property to change the border of an element to Hex 065B9C 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
#065B9C }
```

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

```
.border{ border-color:#065B9C }
```

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

Here you see how a box with a 4 pixel #065B9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065B9C; -webkit-box-shadow:4px 4px  
4px 4px #065B9C; box-shadow:4px 4px 4px  
4px #065B9C }
```

Background

The CSS property to change the background color of an element to Hex 065B9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065B9C }
```

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

```
.background{ background-color:#065B9C }
```

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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