

Converting Colors

Hex(065CA3)

Have a look what the booklet for
Hex(065CA3) contains.

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Color

Hex(065CA3)

Conversions

Conversions Part 1

Format	Color
Hex	065CA3
RGB	6, 92, 163
RGB Percent	2%, 36%, 64%
CMY	0.9765, 0.6392, 0.3608
CMYK	0.96, 0.44, 0.00, 0.36
HSL	207°, 93%, 33%
HSV	207°, 96%, 64%
XYZ	10.5131, 10.3374, 36.0915
YIQ	74.3800, -74.0470, 3.8490

Conversions

Conversions Part 2

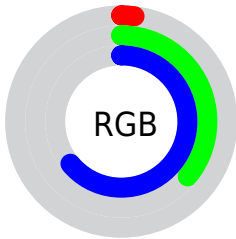
Format	Color
RYB	6, 62, 163
Decimal	416931
CIELab	38.44, 5.35, -44.55
CIELCh	38, 44.870, 276.851
Yxy	10.3374, 0.1846, 0.1815
Android (android.graphics.Color)	4278607011 (0xFF065CA3)
YUV	74.3800, 43.6897, -59.9693
Hunter-Lab	32.1518, 2.1011, -44.0490

Details

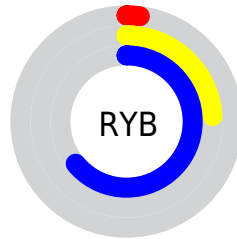
The Hex color **065CA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A34D06**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **588EDA**, and **002F6F** is the 20% darker color. If you saturate the color by 10%, you get **0059A3**, and if you desaturate by 10%, it is **1663A3**.

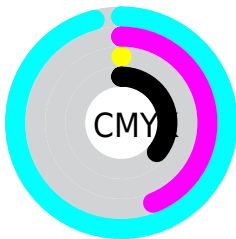
Distribution



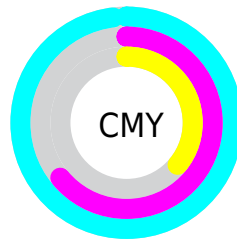
- Red (2%)
- Green (36%)
- Blue (64%)



- Red (2%)
- Yellow (24%)
- Blue (64%)



- Cyan (96%)
- Magenta (44%)
- Yellow (0%)
- Black (36%)



- Cyan (98%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065CA3 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 065CA3 by changing the saturation by 10% instead.

065CA3

065CA3

FFFFFF

004588

588EDA

002F6F

76A8F7

001B56

93C3FF

00063E

B1DFFF

000327

CEFBFF

000111

ECFFFF

000000

065CA3

065CA3

0059A3

1663A3

■ 276BA3

■ 3772A3

■ 4779A3

■ 5881A3

■ 6888A3

■ 7890A3

■ 8897A3

■ 999EA3

Harmonies

Analogous

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



00669D



065CA3



664D95

Triad

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



065CA3



973F31



006A3C

Complementary

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



065CA3



A34D06

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.



3E651B



065CA3



834E13

Square

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



065CA3



9C3654



655B04



006C62

Rectangle

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



065CA3



834283



655B04



146830

Sweetspot

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



065CA3



96B8D4



06A34D



465A6B



EBEBEB



6B6B6B

Same Dimension

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



065CA3



0074D4



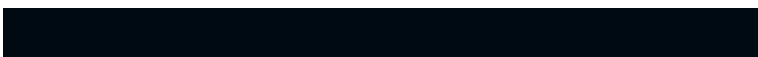
060EA3



494E52



005091



000A12

Inverse Universe

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



A3065C



D40074



A39B06



52494E



910050



12000A

Previews

White Background



This preview shows how the Hex color 065CA3 looks on a white background.

Color Contrast Check

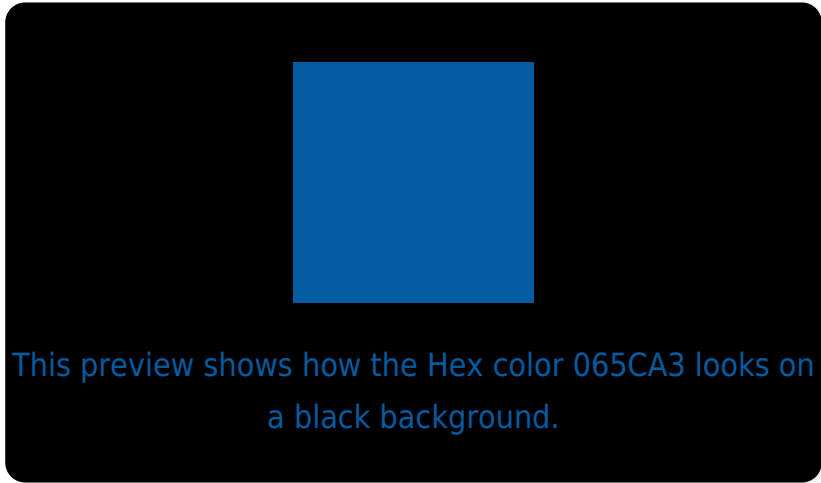
Large Text (above 18pt) WCAG AA ✓ Pass

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

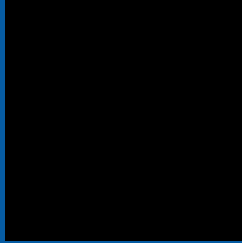
Any Text WCAG AA × Fail

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 065CA3 Background



This preview shows how black text looks on a background with the Hex color 065CA3.

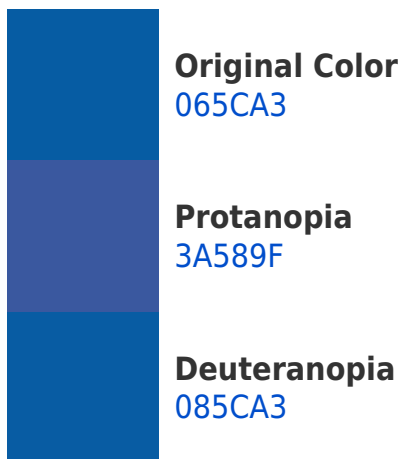


This preview shows how white text looks on a background with the Hex color 065CA3.

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](#).

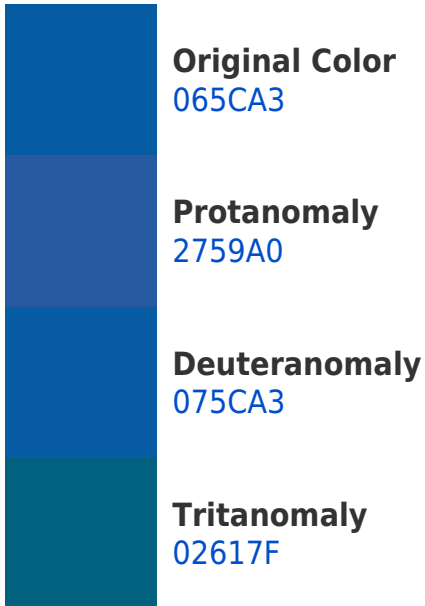
Dichromacy



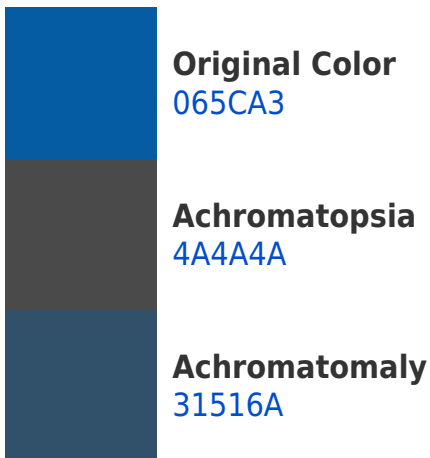


Tritanopia
00646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 065CA3 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 #065CA3 looks like.

```
.text, #text, p{  
    color:#065CA3  
}
```

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 #065CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065CA3
}
```

Border

The CSS property to change the border of an element to Hex 065CA3 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
#065CA3 }
```

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

```
.border{ border-color:#065CA3 }
```

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

Here you see how a box with a 4 pixel #065CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065CA3; -webkit-box-shadow:4px 4px  
4px 4px #065CA3; box-shadow:4px 4px 4px  
4px #065CA3 }
```

Background

The CSS property to change the background color of an element to Hex 065CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065CA3 }
```

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

```
.background{ background-color:#065CA3 }
```

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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