

# Converting Colors

Hex(0666C9)

Have a look what the booklet for  
Hex(0666C9) contains.

<b>Hex(0666C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0666C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0666C9
RGB	6, 102, 201
RGB Percent	2%, 40%, 79%
CMY	0.9765, 0.6000, 0.2118
CMYK	0.97, 0.49, 0.00, 0.21
HSL	210°, 94%, 41%
HSV	210°, 97%, 79%
XYZ	15.3691, 13.7585, 57.1040
YIQ	84.5820, -88.9950, 10.4370

# Conversions

## Conversions Part 2

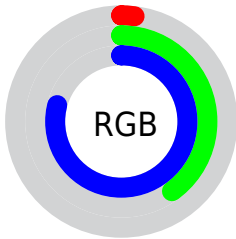
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 70, 201</a>
Decimal	<a href="#">419529</a>
CIELab	<a href="#">43.88, 14.28, -58.04</a>
CIELCh	<a href="#">44, 59.768, 283.820</a>
Yxy	<a href="#">13.7585, 0.1782, 0.1596</a>
Android (android.graphics.Color)	<a href="#">4278609609</a> ( <a href="#">0xFF0666C9</a> )
YUV	<a href="#">84.5820, 57.3941, -68.9164</a>
Hunter-Lab	<a href="#">37.0925, 9.0489, -65.3124</a>

# Details

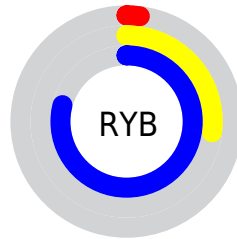
The Hex color **0666C9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C96906**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6398FF**, and **003892** is the 20% darker color. If you saturate the color by 10%, you get **0063C9**, and if you desaturate by 10%, it is **1A70C9**.

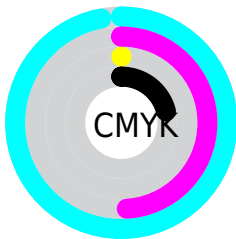
# Distribution



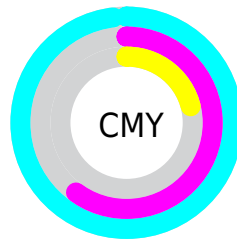
- Red (2%)
- Green (40%)
- Blue (79%)



- Red (2%)
- Yellow (27%)
- Blue (79%)



- Cyan (97%)
- Magenta (49%)
- Yellow (0%)
- Black (21%)



- Cyan (98%)
- Magenta (60%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0666C9 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 0666C9 by changing the saturation by 10% instead.



0666C9

0666C9

FFFFFF

004FAD

6398FF

003892

83B3FF

002478

A1CEFF

00105E

C0EAFF

000846

DEFFFF

00042E

FDFFFF

000119

000000

0666C9

0666C9

■ 0063C9

■ 1A70C9

■ 2E7AC9

■ 4285C9

■ 568FC9

■ 6B99C9

■ 7FA3C9

■ 93ADC9

■ A7B8C9

■ BBC2C9

# Harmonies

## Analogous

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



0075C8



0666C9



864FB0

# Triad

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



0666C9



B24424



007C4A

# Complementary

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



0666C9



C96906

# 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.



2B7715



0666C9



935B00

# Square

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



0666C9



BF3053



686D00



007E7E

# Rectangle

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



0666C9



A73D94



686D00



007B39

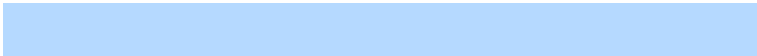


# Sweetspot

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



0666C9



B5D9FF



06C968



536980



000000



808080



# Same Dimension

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



0666C9



007EFF



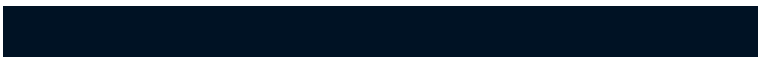
0606C9



5A5E63



0050A3



001224



# Inverse Universe

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



C90666



FF007E



C9C906



635A5E



A30050



240012



# Previews

## White Background



This preview shows how the Hex color 0666C9 looks on a white background.

## Color Contrast Check

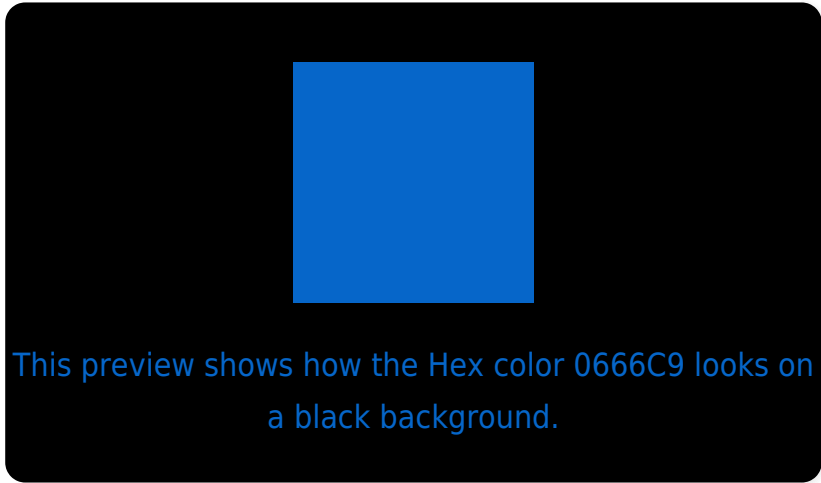
Large Text (above 18pt) WCAG AA ✓ Pass

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

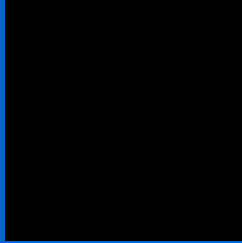
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0666C9 Background



This preview shows how black text looks on a background with the Hex color 0666C9.



This preview shows how white text looks on a background with the Hex color 0666C9.

# 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](#).

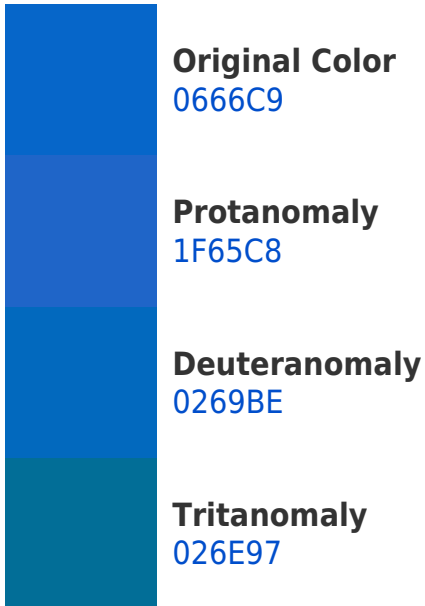
## Dichromacy





**Tritanopia**  
00737A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0666C9 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 #0666C9 looks like.

```
.text, #text, p{  
    color:#0666C9  
}
```

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 #0666C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0666C9
}
```

## Border

The CSS property to change the border of an element to Hex 0666C9 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
#0666C9 }
```

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

```
.border{ border-color:#0666C9 }
```

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

Here you see how a box with a 4 pixel #0666C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0666C9; -webkit-box-shadow:4px 4px  
4px 4px #0666C9; box-shadow:4px 4px 4px  
4px #0666C9 }
```

# Background

The CSS property to change the background color of an element to Hex 0666C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0666C9 }
```

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

```
.background{ background-color:#0666C9 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor