

# Converting Colors

Hex(1035C9)

Have a look what the booklet for  
Hex(1035C9) contains.

<b>Hex(1035C9)</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(1035C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1035C9
RGB	16, 53, 201
RGB Percent	6%, 21%, 79%
CMY	0.9373, 0.7922, 0.2118
CMYK	0.92, 0.74, 0.00, 0.21
HSL	228°, 85%, 43%
HSV	228°, 92%, 79%
XYZ	12.0294, 6.8734, 55.9510
YIQ	58.8090, -69.5600, 38.1840

# Conversions

## Conversions Part 2

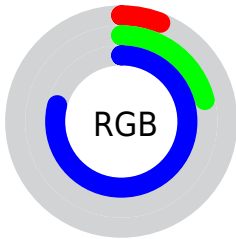
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 47, 201
Decimal	1062345
CIELab	31.52, 46.22, -78.27
CIELCh	32, 90.898, 300.565
Yxy	6.8734, 0.1607, 0.0918
Android (android.graphics.Color)	4279252425 (0xFF1035C9)
YUV	58.8090, 70.1002, -37.5435
Hunter-Lab	26.2172, 36.0222, -108.1808

# Details

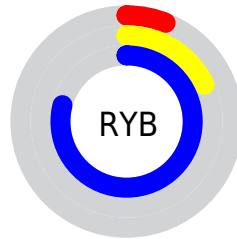
The Hex color **1035C9** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C9A410**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6965FF**, and **000B91** is the 20% darker color. If you saturate the color by 10%, you get **0028C9**, and if you desaturate by 10%, it is **2445C9**.

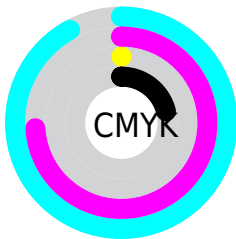
# Distribution



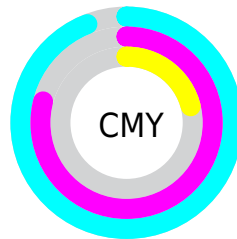
- Red (6%)
- Green (21%)
- Blue (79%)



- Red (6%)
- Yellow (18%)
- Blue (79%)



- Cyan (92%)
- Magenta (74%)
- Yellow (0%)
- Black (21%)



- Cyan (94%)
- Magenta (79%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1035C9 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 1035C9 by changing the saturation by 10% instead.



 1035C9

 1035C9

FFFFFF

 001FAD

 6965FF

 000B91

 897EFF

 000077

 A998FF

 00075D

 C7B3FF

 000844

 E6CFFF

 00032D

 FFE8FF

 000117

 000000

 1035C9

 1035C9

■ 0028C9

■ 2445C9

■ 3855C9

■ 4C65C9

■ 6075C9

■ 7585C9

■ 8995C9

■ 9DA6C9

■ B1B6C9

■ C5C6C9

# Harmonies

## Analogous

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



0056DE



1035C9



9A0092

# Triad

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



1035C9



902000



00624A

# Complementary

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



1035C9



C9A410

# 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.



005F00



1035C9



5A4900

# Square

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



1035C9



B30005



005900



006392

# Rectangle

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



1035C9



B50064



005900



006130



# Sweetspot

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



1035C9



B8C6FF



10C9A4



545D80



000000



808080



# Same Dimension

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



1035C9



0033FF



4710C9



5A5B63



0021A3



000724



# Inverse Universe

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



C91035



FF0033



92C910



635A5B



A30021

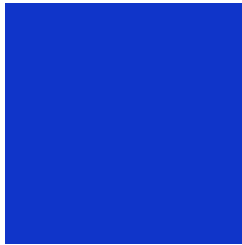


240007



# Previews

## White Background



This preview shows how the Hex color 1035C9 looks on a white background.

## Color Contrast Check

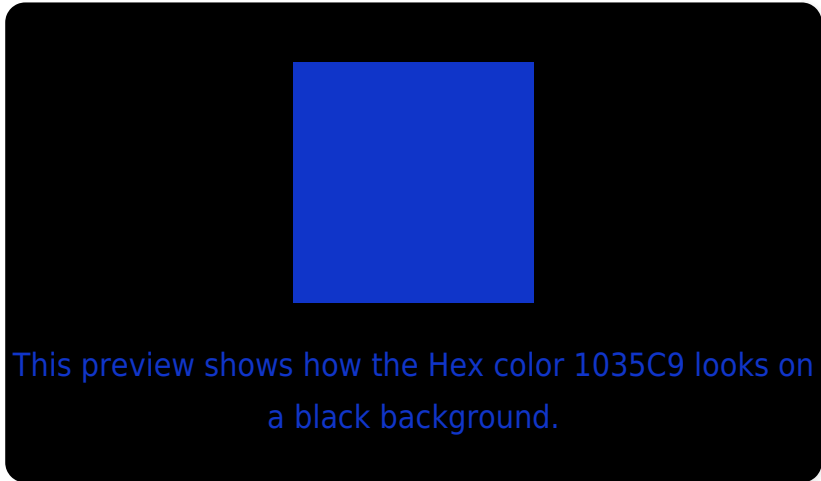
Large Text (above 18pt) WCAG AA ✓ Pass

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

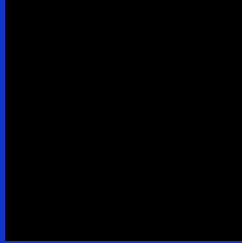
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1035C9 Background



This preview shows how black text looks on a background with the Hex color 1035C9.



This preview shows how white text looks on a background with the Hex color 1035C9.

# 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



**Original Color**  
1035C9

**Protanopia**  
004796

**Deuteranopia**  
004C80



# Trichromacy



**Original Color**  
1035C9

**Protanomaly**  
0640A9

**Deuteranomaly**  
06449B

**Tritanomaly**  
064780

# Monochromacy



**Original Color**  
1035C9

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
2B396F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1035C9 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 #1035C9 looks like.

```
.text, #text, p{  
    color:#1035C9  
}
```

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 #1035C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1035C9
}
```

## Border

The CSS property to change the border of an element to Hex 1035C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

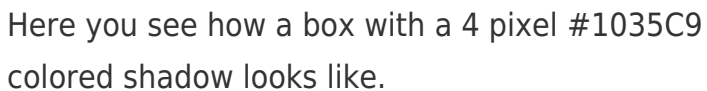
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1035C9 }
```

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

```
.border{ border-color:#1035C9 }
```

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



Here you see how a box with a 4 pixel #1035C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1035C9; -webkit-box-shadow:4px 4px  
4px 4px #1035C9; box-shadow:4px 4px 4px  
4px #1035C9 }
```

# Background

The CSS property to change the background color of an element to Hex 1035C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1035C9 }
```

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

```
.background{ background-color:#1035C9 }
```

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