

# Converting Colors

Hex(1035B6)

Have a look what the booklet for  
Hex(1035B6) contains.

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# Color

**Hex(1035B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1035B6
RGB	16, 53, 182
RGB Percent	6%, 21%, 71%
CMY	0.9373, 0.7922, 0.2863
CMYK	0.91, 0.71, 0.00, 0.29
HSL	227°, 84%, 39%
HSV	227°, 91%, 71%
XYZ	9.9303, 6.0338, 44.8972
YIQ	56.6430, -63.4610, 32.2750

# Conversions

## Conversions Part 2

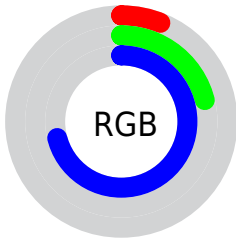
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 46, 182
Decimal	1062326
CIE Lab	29.50, 39.38, -70.42
CIE LCh	29, 80.683, 299.217
Yxy	6.0338, 0.1632, 0.0991
Android (android.graphics.Color)	4279252406 (0xFF1035B6)
YUV	56.6430, 61.8010, -35.6439
Hunter-Lab	24.5637, 29.1750, -91.1748

# Details

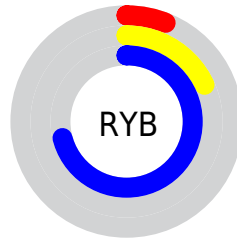
The Hex color **1035B6** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B69110**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6364EF**, and **000D80** is the 20% darker color. If you saturate the color by 10%, you get **0029B6**, and if you desaturate by 10%, it is **2243B6**.

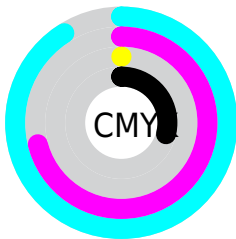
# Distribution



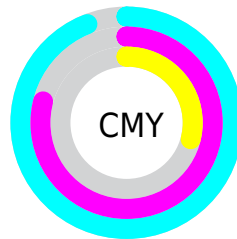
- Red (6%)
- Green (21%)
- Blue (71%)



- Red (6%)
- Yellow (18%)
- Blue (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (0%)
- Black (29%)



- Cyan (94%)
- Magenta (79%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1035B6 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 1035B6 by changing the saturation by 10% instead.



 1035B6

 1035B6

FFFFFF

 00209A

 6364EF

 000D80

 827DFF

 000066

 A197FF

 00094D

 BFB2FF

 000535

 DDCDFE

 00021F

 FCEAFF

 000001

 000000

 1035B6

 1035B6

0029B6

2243B6

3451B6

475FB6

596EB6

6B7CB6

7D8AB6

8F98B6

A2A6B6

B4B4B6

# Harmonies

## Analogous

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



0051C7



1035B6



890087

# Triad

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



1035B6



862000



005B42

# Complementary

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



1035B6



B69110

# 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.



005800



1035B6



574300

# Square

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



1035B6



A4000D



075200



005C82

# Rectangle

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



1035B6



A3005F



075200



005A2C



# Sweetspot

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



1035B6



ADBBED



10B68F



515A78



F7F7F7



787878



# Same Dimension

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



1035B6



0035ED



3C10B6



53555C



00239C



00061C



# Inverse Universe

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



B61035



ED0035



8AB610



5C5355



9C0023

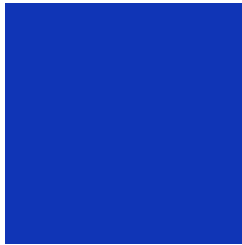


1C0006



# Previews

## White Background



This preview shows how the Hex color 1035B6 looks on a white background.

## Color Contrast Check

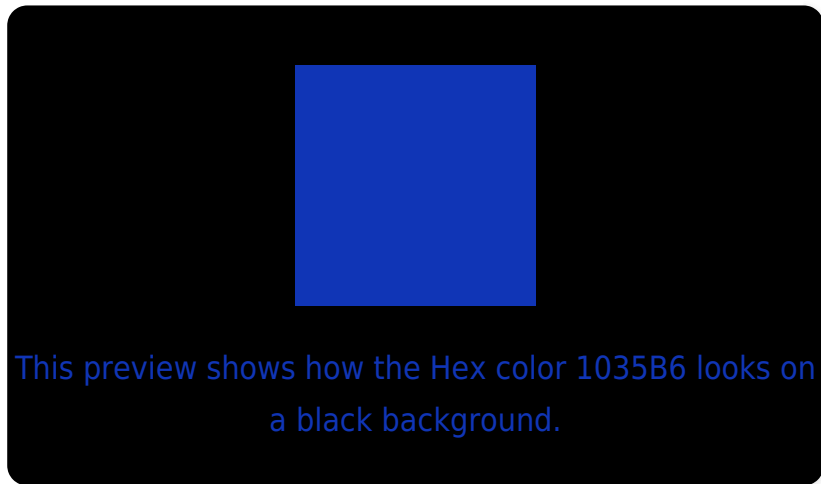
Large Text (above 18pt) WCAG AA ✓ Pass

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

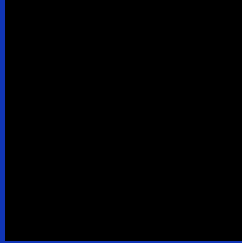
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1035B6 Background



This preview shows how black text looks on a background with the Hex color 1035B6.



This preview shows how white text looks on a background with the Hex color 1035B6.

# 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**  
1035B6

**Protanopia**  
00438D

**Deuteranopia**  
004878



# Trichromacy



**Original Color**  
1035B6

**Protanomaly**  
063E9C

**Deuteranomaly**  
06418F

**Tritanomaly**  
064476

# Monochromacy



**Original Color**  
1035B6

**Achromatopsia**  
393939

**Achromatomaly**  
2A3866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1035B6 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 #1035B6 looks like.

```
.text, #text, p{  
    color:#1035B6  
}
```

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 #1035B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1035B6
}
```

## Border

The CSS property to change the border of an element to Hex 1035B6 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
#1035B6 }
```

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

```
.border{ border-color:#1035B6 }
```

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

Here you see how a box with a 4 pixel #1035B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1035B6; -webkit-box-shadow:4px 4px  
4px 4px #1035B6; box-shadow:4px 4px 4px  
4px #1035B6 }
```

# Background

The CSS property to change the background color of an element to Hex 1035B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1035B6 }
```

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

```
.background{ background-color:#1035B6 }
```

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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