

# Converting Colors

Hex(3605BD)

Have a look what the booklet for  
Hex(3605BD) contains.

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**Color**

**Hex(3605BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3605BD
RGB	54, 5, 189
RGB Percent	21%, 2%, 74%
CMY	0.7882, 0.9804, 0.2588
CMYK	0.71, 0.97, 0.00, 0.26
HSL	256°, 95%, 38%
HSV	256°, 97%, 74%
XYZ	10.7609, 4.5669, 48.4585
YIQ	40.6270, -29.8600, 67.6120

# Conversions

## Conversions Part 2

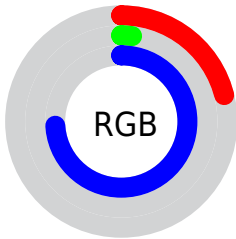
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 5, 189
Decimal	3540413
CIELab	25.46, 63.16, -81.21
CIELCh	25, 102.880, 307.875
Yxy	4.5669, 0.1687, 0.0716
Android (android.graphics.Color)	4281730493 (0xFF3605BD)
YUV	40.6270, 73.1479, 11.7281
Hunter-Lab	21.3704, 52.4842, -119.4839

# Details

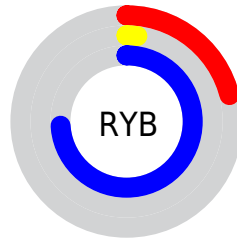
The Hex color **3605BD** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **8CBD05**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7B43F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **3200BD**, and if you desaturate by 10%, it is **4418BD**.

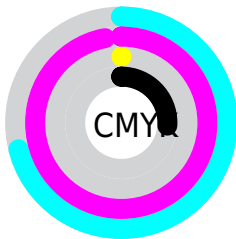
# Distribution



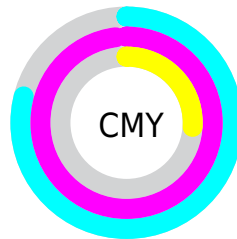
- Red (21%)
- Green (2%)
- Blue (74%)



- Red (21%)
- Yellow (2%)
- Blue (74%)



- Cyan (71%)
- Magenta (97%)
- Yellow (0%)
- Black (26%)



- Cyan (79%)
- Magenta (98%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3605BD 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 3605BD by changing the saturation by 10% instead.



 3605BD

 3605BD

FFFFFF

 0000A1

 7B43F7

 000086

 9A5DFF

 00006C

 B878FF

 000B52

 D793FF

 00053A

 F6AFFF

 000223

 FFCBFF

 00000B

 FFE8FF

 000000

 3605BD

 3605BD

■ 3200BD

■ 4418BD

■ 522BBD

■ 603EBD

■ 6D51BD

■ 7B64BD

■ 8976BD

■ 9789BD

■ A59CBD

■ B3AFBD

# Harmonies

## Analogous

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



0047E0



3605BD



9F0079

# Triad

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



3605BD



771900



005350

# Complementary

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



3605BD



8CBD05

# 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.



005100



3605BD



384100

# Square

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



3605BD



A20000



004D00



00569E

# Rectangle

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



3605BD



B30046



004D00



005335



# Sweetspot

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



3605BD



C1AEF5



058FBD



5B507A



FAFAFA



7A7A7A



# Same Dimension

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



3605BD



4100F5



8F05BD



57555E



2A009E



08001F



# Inverse Universe

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



BD058C



F500B4



33BD05



5E555C



9E0074

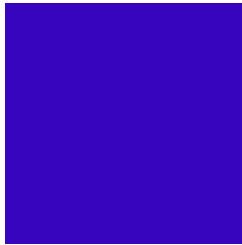


1F0016



# Previews

## White Background



This preview shows how the Hex color 3605BD looks on a white background.

## Color Contrast Check

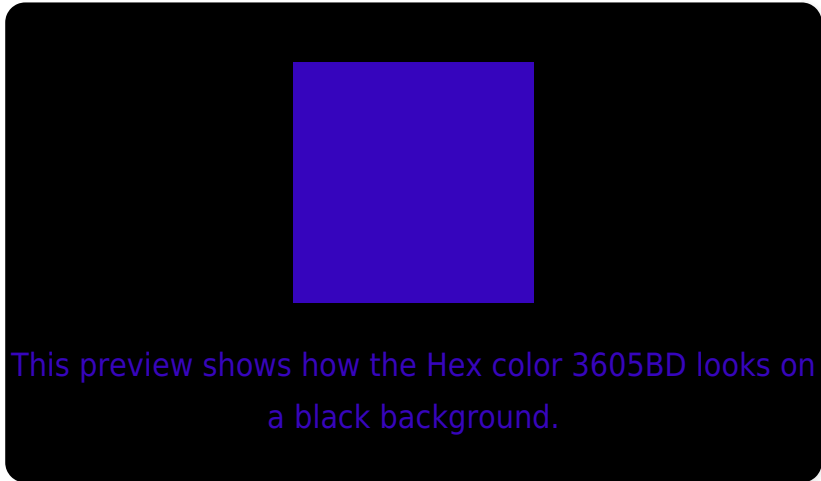
Large Text (above 18pt) WCAG AA ✓ Pass

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

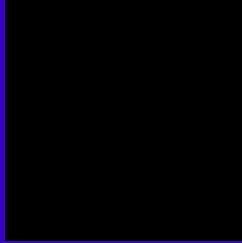
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3605BD Background



This preview shows how black text looks on a background with the Hex color 3605BD.



This preview shows how white text looks on a background with the Hex color 3605BD.

# 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**  
3605BD

**Protanopia**  
003C7E

**Deuteranopia**  
00406B



# Trichromacy



**Original Color**  
3605BD

**Protanomaly**  
142895

**Deuteranomaly**  
142B89

**Tritanomaly**  
142E73

# Monochromacy



**Original Color**  
3605BD

**Achromatopsia**  
292929

**Achromatomaly**  
2E1C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3605BD 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 #3605BD looks like.

```
.text, #text, p{  
    color:#3605BD  
}
```

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 #3605BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3605BD
}
```

## Border

The CSS property to change the border of an element to Hex 3605BD 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".

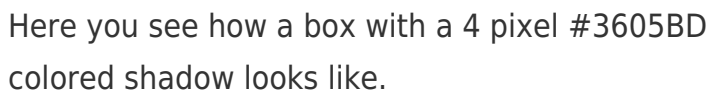
```
.border, #border, table{ border:4px solid
#3605BD }
```

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

```
.border{ border-color:#3605BD }
```

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

Here you see how a box with a 4 pixel #3605BD colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3605BD; -webkit-box-shadow:4px 4px  
4px 4px #3605BD; box-shadow:4px 4px 4px  
4px #3605BD }
```

# Background

The CSS property to change the background color of an element to Hex 3605BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3605BD }
```

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

```
.background{ background-color:#3605BD }
```

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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