

# Converting Colors

Hex(3546B1)

Have a look what the booklet for  
Hex(3546B1) contains.

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# Color

**Hex(3546B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3546B1
RGB	53, 70, 177
RGB Percent	21%, 27%, 69%
CMY	0.7922, 0.7255, 0.3059
CMYK	0.70, 0.60, 0.00, 0.31
HSL	232°, 54%, 45%
HSV	232°, 70%, 69%
XYZ	11.5942, 8.3115, 42.5882
YIQ	77.1150, -44.4790, 29.6730

# Conversions

## Conversions Part 2

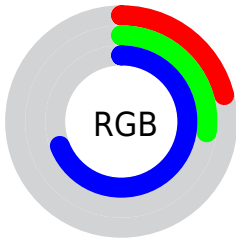
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 68, 177
Decimal	3491505
CIELab	34.62, 29.77, -58.98
CIElCh	35, 66.069, 296.780
Yxy	8.3115, 0.1855, 0.1330
Android (android.graphics.Color)	4281681585 (0xFF3546B1)
YUV	77.1150, 49.2433, -21.1489
Hunter-Lab	28.8297, 21.3336, -67.4043

# Details

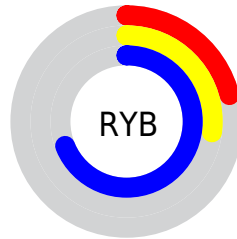
The Hex color **3546B1** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B1A035**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7376EA**, and **001B7B** is the 20% darker color. If you saturate the color by 10%, you get **2337B1**, and if you desaturate by 10%, it is **4755B1**.

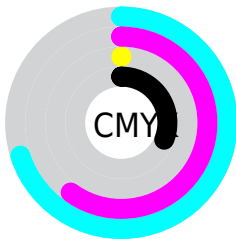
# Distribution



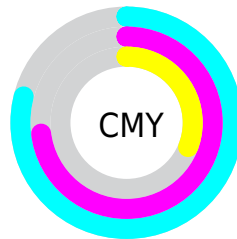
- Red (21%)
- Green (27%)
- Blue (69%)



- Red (21%)
- Yellow (27%)
- Blue (69%)



- Cyan (70%)
- Magenta (60%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (73%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3546B1 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 3546B1 by changing the saturation by 10% instead.



 3546B1

 3546B1

FFFFFF

 003096

 7376EA

 001B7B

 9090FF

 000762

 AEAFF

 000349

 CBC6FF

 000431

 E9E2FF

 00011C

FFFEFF

 000000

 3546B1

 3546B1

 2337B1

 4755B1

■ 1227B1

■ 5865B1

■ 0018B1

■ 6A74B1

■ 7C83B1

■ 8E92B1

■ 9FA2B1

■ B1B1B1

■ C3C0B1

■ D4CFB1

# Harmonies

## Analogous

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



005BBC



3546B1



89228C

# Triad

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



3546B1



8F3400



00664A

# Complementary

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



3546B1



B1A035

# 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.



00630D



3546B1



694E00

# Square

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



3546B1



A70026



365C00



006780

# Rectangle

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



3546B1



A1006B



365C00



006537



# Sweetspot

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



3546B1



B5BCE6



35B19E



565A73



F2F2F2



737373



# Same Dimension

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



3546B1



253FE6



6035B1



505259



001599



00031A



# Inverse Universe

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



B13546



E6253F



86B135



595052



990015

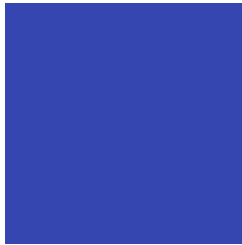


1A0003



# Previews

## White Background



This preview shows how the Hex color 3546B1 looks on a white background.

## Color Contrast Check

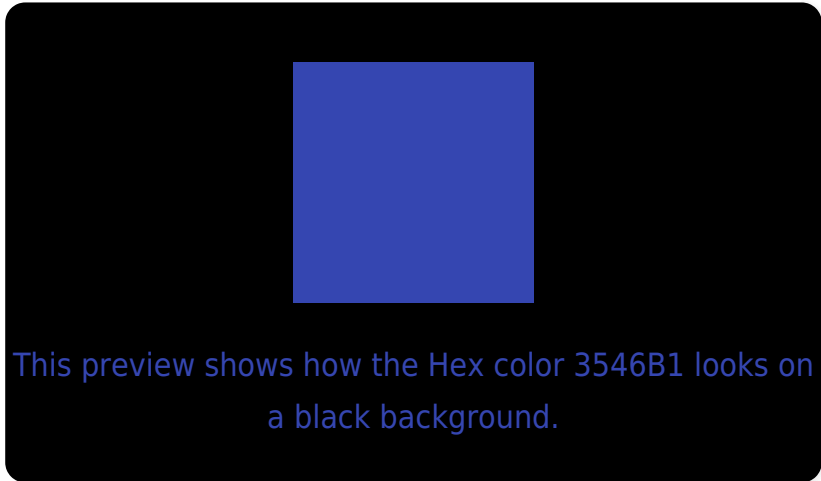
Large Text (above 18pt) WCAG AA ✓ Pass

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

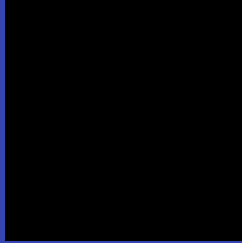
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3546B1 Background



This preview shows how black text looks on a background with the Hex color 3546B1.



This preview shows how white text looks on a background with the Hex color 3546B1.

# 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**  
3546B1

**Deuteranopia**  
00538F

# Trichromacy



**Original Color**

3546B1

**Deuteranomaly**

134E9B

# Monochromacy



**Original Color**

3546B1

**Achromatopsia**

4D4D4D

**Achromatomaly**

444A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3546B1 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 #3546B1 looks like.

```
.text, #text, p{  
    color:#3546B1  
}
```

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 #3546B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3546B1
}
```

## Border

The CSS property to change the border of an element to Hex 3546B1 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
#3546B1 }
```

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

```
.border{ border-color:#3546B1 }
```

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

Here you see how a box with a 4 pixel #3546B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3546B1; -webkit-box-shadow:4px 4px  
4px 4px #3546B1; box-shadow:4px 4px 4px  
4px #3546B1 }
```

# Background

The CSS property to change the background color of an element to Hex 3546B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3546B1 }
```

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

```
.background{ background-color:#3546B1 }
```

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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