

Converting Colors

Hex(4367BC)

Have a look what the booklet for
Hex(4367BC) contains.

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Color

Hex(4367BC)

Conversions

Conversions Part 1

Format	Color
Hex	4367BC
RGB	67, 103, 188
RGB Percent	26%, 40%, 74%
CMY	0.7373, 0.5961, 0.2627
CMYK	0.64, 0.45, 0.00, 0.26
HSL	222°, 47%, 50%
HSV	222°, 64%, 74%
XYZ	16.2421, 14.5246, 49.5244
YIQ	101.9260, -48.7410, 18.8030

Conversions

Conversions Part 2

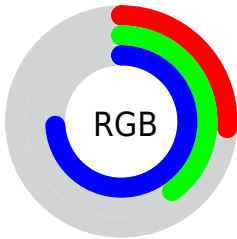
Format	Color
RYB	67, 95, 188
Decimal	4417468
CIELab	44.98, 14.63, -48.68
CIElCh	45, 50.831, 286.733
Yxy	14.5246, 0.2023, 0.1809
Android (android.graphics.Color)	4282607548 (0xFF4367BC)
YUV	101.9260, 42.4345, -30.6301
Hunter-Lab	38.1112, 9.3779, -50.3679

Details

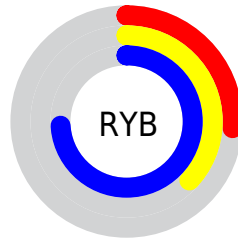
The Hex color **4367BC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BC9843**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7E9AF5**, and **003986** is the 20% darker color. If you saturate the color by 10%, you get **305ABC**, and if you desaturate by 10%, it is **5674BC**.

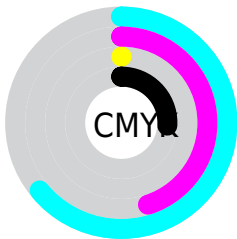
Distribution



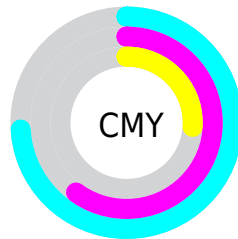
- Red (26%)
- Green (40%)
- Blue (74%)



- Red (26%)
- Yellow (37%)
- Blue (74%)



- Cyan (64%)
- Magenta (45%)
- Yellow (0%)
- Black (26%)



- Cyan (74%)
- Magenta (60%)
- Yellow (26%)
- Black (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4367BC 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 4367BC by changing the saturation by 10% instead.

■ 4367BC

■ 4367BC

FFFFFF

■ 1F4FA1

■ 7E9AF5

■ 003986

■ 9BB4FF

■ 00246C

■ B8D0FF

■ 001053

■ D5ECFF

■ 00063B

■ F3FFFF

■ 000225

■ 00010D

■ 000000

■ 4367BC

■ 4367BC

■ 305ABC

■ 5674BC

■ 1D4DBC

■ 6981BC

■ 0B3FBC

■ 7B8FBC

■ 0038BC

■ 8E9CBC

■ A1A9BC

■ B4B6BC

■ C7C3BC

■ D9D1BC

■ ECDEBC

Harmonies

Analogous

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



0075BD



4367BC



8A54A5

Triad

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



4367BC



AB502E



007D56

Complementary

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



4367BC



BC9843

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.



36792C



4367BC



8F620D

Square

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



4367BC



B74255



697009



007E82

Rectangle

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



4367BC



A5488D



697009



007C47

Sweetspot

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



4367BC



C6D4F5



43BC98



5E677A



FAFAFA



7A7A7A

Same Dimension

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



4367BC



3870F5



5B43BC



55585E



002F9E



00091F

Inverse Universe

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



BC4367



F53870



A4BC43



5E5558



9E002F



1F0009

Previews

White Background



This preview shows how the Hex color 4367BC looks on a white background.

Color Contrast Check

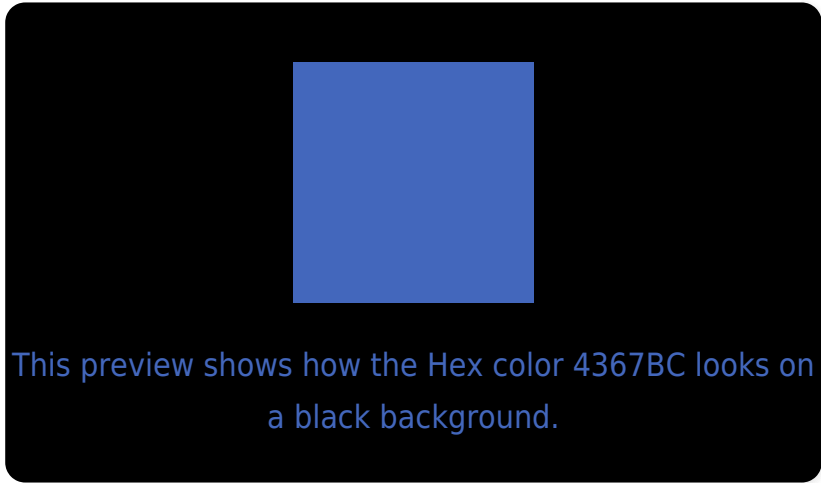
Large Text (above 18pt) WCAG AA ✓ Pass

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

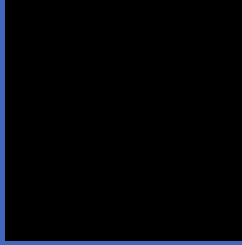
Any Text WCAG AA × Fail

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 4367BC Background



This preview shows how black text looks on a background with the Hex color 4367BC.

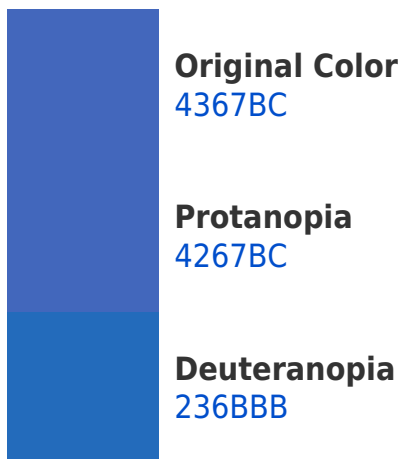


This preview shows how white text looks on a background with the Hex color 4367BC.

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](#).

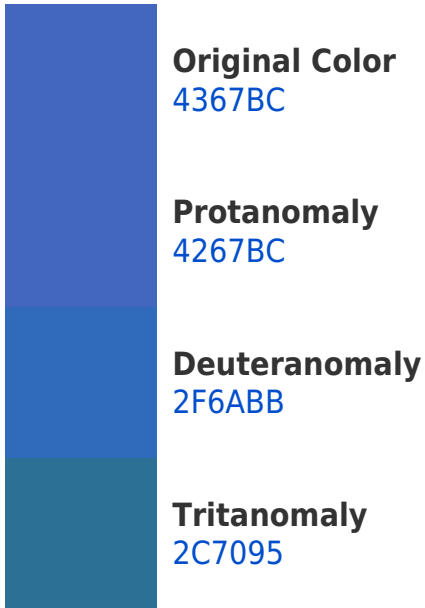
Dichromacy





Tritanopia
1F757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4367BC 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 #4367BC looks like.

```
.text, #text, p{  
    color:#4367BC  
}
```

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 #4367BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4367BC
}
```

Border

The CSS property to change the border of an element to Hex 4367BC 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
#4367BC }
```

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

```
.border{ border-color:#4367BC }
```

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

Here you see how a box with a 4 pixel #4367BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4367BC; -webkit-box-shadow:4px 4px  
4px 4px #4367BC; box-shadow:4px 4px 4px  
4px #4367BC }
```

Background

The CSS property to change the background color of an element to Hex 4367BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4367BC }
```

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

```
.background{ background-color:#4367BC }
```

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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