

Converting Colors

Hex(4363B7)

Have a look what the booklet for
Hex(4363B7) contains.

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Color

Hex(4363B7)

Conversions

Conversions Part 1

Format	Color
Hex	4363B7
RGB	67, 99, 183
RGB Percent	26%, 39%, 72%
CMY	0.7373, 0.6118, 0.2824
CMYK	0.63, 0.46, 0.00, 0.28
HSL	223°, 46%, 49%
HSV	223°, 63%, 72%
XYZ	15.3238, 13.5359, 46.6048
YIQ	99.0080, -46.0360, 19.3400

Conversions

Conversions Part 2

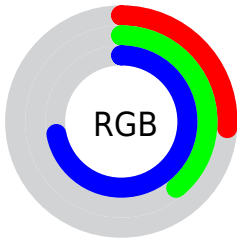
Format	Color
R _{YB}	67, 92, 183
Decimal	4416439
CIE Lab	43.56, 15.41, -48.04
CIE LCh	44, 50.447, 287.785
Yxy	13.5359, 0.2031, 0.1794
Android (android.graphics.Color)	4282606519 (0xFF4363B7)
YUV	99.0080, 41.4081, -28.0710
Hunter-Lab	36.7911, 9.9623, -49.3512

Details

The Hex color **4363B7** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B79743**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7D95F0**, and **003581** is the 20% darker color. If you saturate the color by 10%, you get **3156B7**, and if you desaturate by 10%, it is **5570B7**.

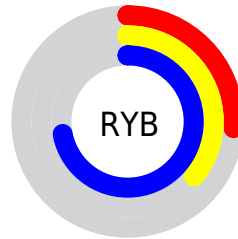
Distribution



Red (26%)

Green (39%)

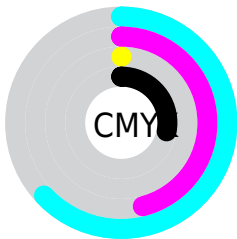
Blue (72%)



Red (26%)

Yellow (36%)

Blue (72%)

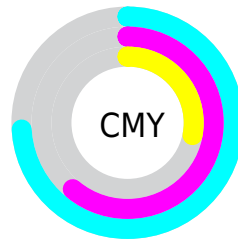


Cyan (63%)

Magenta (46%)

Yellow (0%)

Black (28%)



Cyan (74%)

Magenta (61%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4363B7 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 4363B7 by changing the saturation by 10% instead.

■ 4363B7

■ 4363B7

FFFFFF

■ 204B9C

■ 7D95F0

■ 003581

■ 9AB0FF

■ 002168

■ B7CBFF

■ 000B4F

■ D4E7FF

■ 000537

■ F2FFFF

■ 000221

■ 000006

■ 000000

■ 4363B7

■ 4363B7

■ 3156B7

■ 5570B7

■ 1E48B7

■ 687EB7

■ 0C3BB7

■ 7A8BB7

■ 0032B7

■ 8C98B7

■ 9FA5B7

■ B1B3B7

■ C3C0B7

■ D5CDB7

■ E8DAB7

Harmonies

Analogous

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



0071B9



4363B7



8850A0

Triad

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



4363B7



A54D2A



007954

Complementary

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



4363B7



B79743

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.



30752B



4363B7



8A5F08

Square

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



4363B7



B23F50



646C06



007A7F

Rectangle

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



4363B7



A14487



646C06



007846

Sweetspot

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



4363B7



C0CDED



43B796



5C6478



F7F7F7



787878

Same Dimension

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



4363B7



396BED



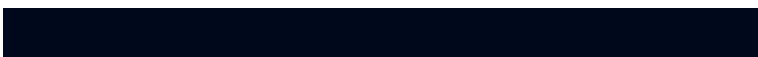
5C43B7



53555C



002B9C



00081C

Inverse Universe

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



B74363



ED396B



9EB743



5C5355



9C002B



1C0008

Previews

White Background



This preview shows how the Hex color 4363B7 looks on a white background.

Color Contrast Check

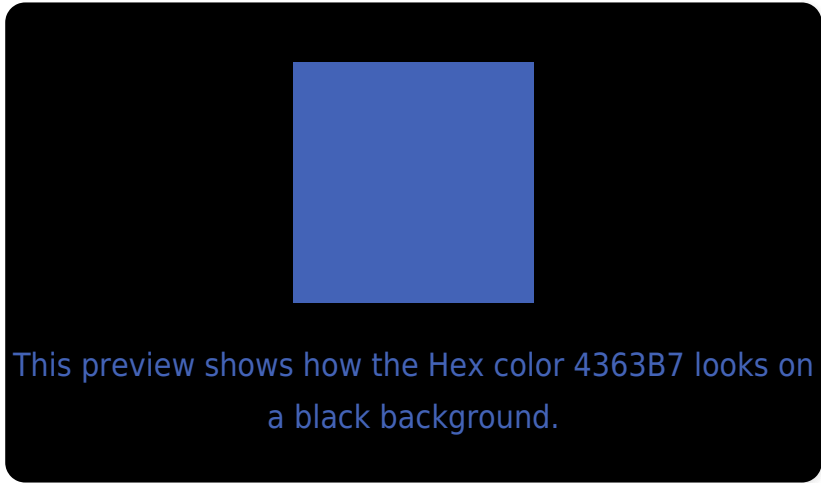
Large Text (above 18pt) WCAG AA ✓ Pass

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

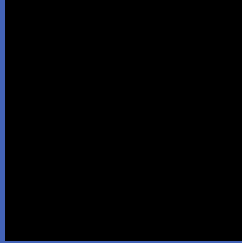
Any Text WCAG AA × Fail

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 4363B7 Background



This preview shows how black text looks on a background with the Hex color 4363B7.

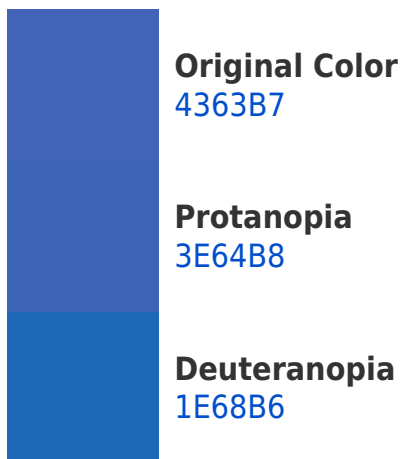


This preview shows how white text looks on a background with the Hex color 4363B7.

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](#).

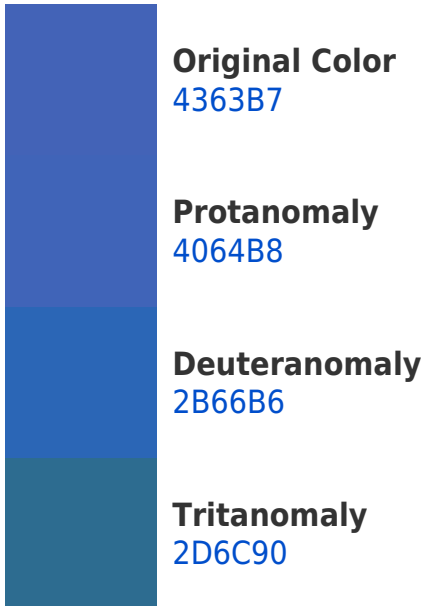
Dichromacy



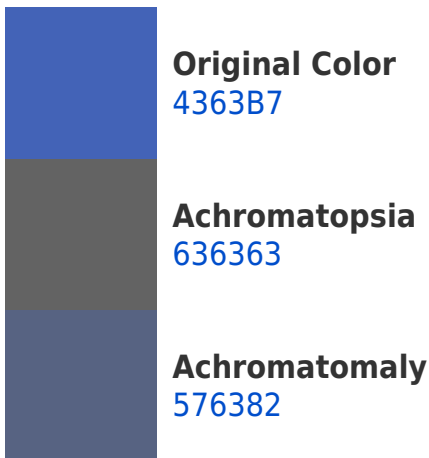


Tritanopia
21717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4363B7 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 #4363B7 looks like.

```
.text, #text, p{  
    color:#4363B7  
}
```

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 #4363B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4363B7
}
```

Border

The CSS property to change the border of an element to Hex 4363B7 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
#4363B7 }
```

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

```
.border{ border-color:#4363B7 }
```

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

Here you see how a box with a 4 pixel #4363B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4363B7; -webkit-box-shadow:4px 4px  
4px 4px #4363B7; box-shadow:4px 4px 4px  
4px #4363B7 }
```

Background

The CSS property to change the background color of an element to Hex 4363B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4363B7 }
```

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

```
.background{ background-color:#4363B7 }
```

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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