

Converting Colors

Hex(4364B0)

Have a look what the booklet for
Hex(4364B0) contains.

Hex(4364B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4364B0)

Conversions

Conversions Part 1

Format	Color
Hex	4364B0
RGB	67, 100, 176
RGB Percent	26%, 39%, 69%
CMY	0.7373, 0.6078, 0.3098
CMYK	0.62, 0.43, 0.00, 0.31
HSL	222°, 45%, 48%
HSV	222°, 62%, 69%
XYZ	14.7084, 13.4422, 42.8937
YIQ	98.7970, -44.0640, 16.6400

Conversions

Conversions Part 2

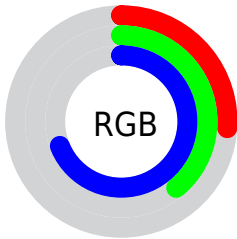
Format	Color
R _{YB}	67, 92, 176
Decimal	4416688
CIE Lab	43.42, 12.31, -44.16
CIE LCh	43, 45.845, 285.575
Yxy	13.4422, 0.2070, 0.1892
Android (android.graphics.Color)	4282606768 (0xFF4364B0)
YUV	98.7970, 38.0611, -27.8860
Hunter-Lab	36.6636, 7.4476, -43.7003

Details

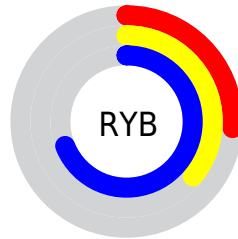
The Hex color **4364B0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B08F43**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7C96E8**, and **00367B** is the 20% darker color. If you saturate the color by 10%, you get **3158B0**, and if you desaturate by 10%, it is **5570B0**.

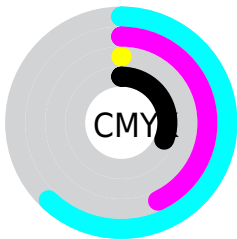
Distribution



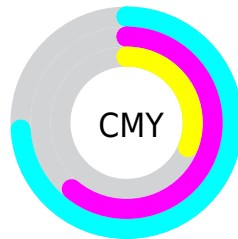
- Red (26%)
- Green (39%)
- Blue (69%)



- Red (26%)
- Yellow (36%)
- Blue (69%)



- Cyan (62%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (74%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4364B0 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 4364B0 by changing the saturation by 10% instead.

■ 4364B0

■ 4364B0

FFFFFF

■ 224C95

■ 7C96E8

■ 00367B

■ 99B1FF

■ 002161

■ B5CCFF

■ 000B49

■ D2E8FF

■ 000432

■ F0FFFF

■ 00011C

■ 000000

■ 4364B0

■ 4364B0

■ 3158B0

■ 5570B0

■ 204BB0

■ 667DB0

■ 0E3FB0

■ 7889B0

■ 0035B0

■ 8995B0

■ 9BA1B0

■ ADAEB0

■ BEBAB0

■ D0C6B0

■ E1D2B0

Harmonies

Analogous

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



0070B0



4364B0



82549C

Triad

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



4364B0



A24F32



007852

Complementary

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



4364B0



B08F43

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.



3B732E



4364B0



895E17

Square

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



4364B0



AC4354



686B14



00797A

Rectangle

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



4364B0



9A4987



686B14



007746

Sweetspot

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



4364B0



BAC7E6



43B08D



586073



F2F2F2



737373

Same Dimension

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



4364B0



3C6FE6



5743B0



505359



002E99



00081A

Inverse Universe

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



B04364



E63C6F



9CB043



595053



99002E



1A0008

Previews

White Background



This preview shows how the Hex color 4364B0 looks on a white background.

Color Contrast Check

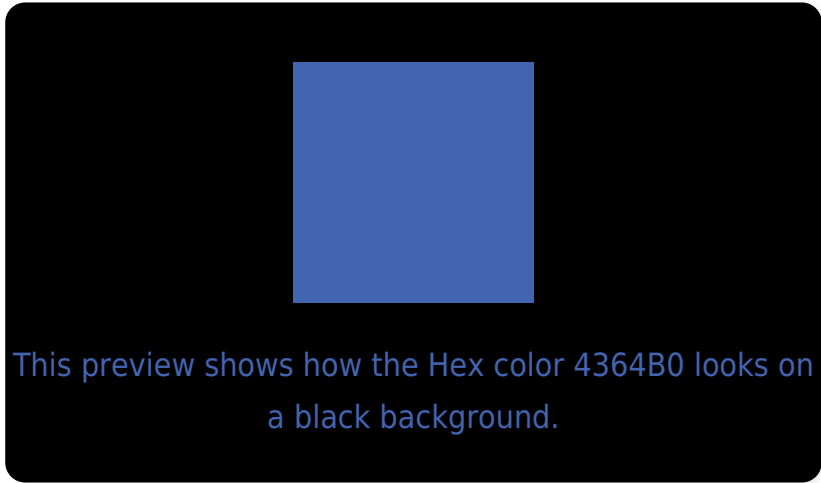
Large Text (above 18pt) WCAG AA ✓ Pass

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

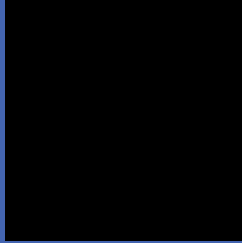
Any Text WCAG AA × Fail

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 4364B0 Background



This preview shows how black text looks on a background with the Hex color 4364B0.



This preview shows how white text looks on a background with the Hex color 4364B0.

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
4364B0

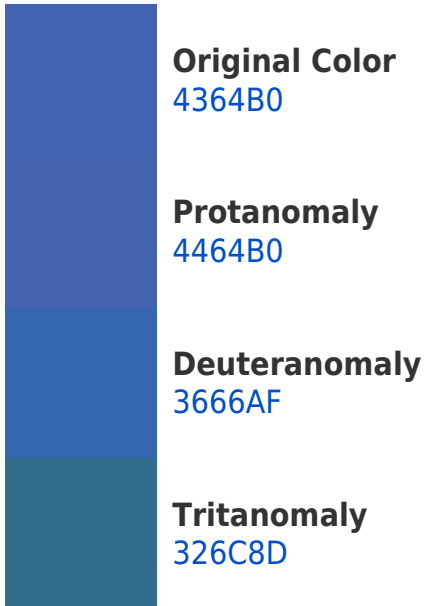
Protanopia
4564B0

Deuteranopia
2F67AF

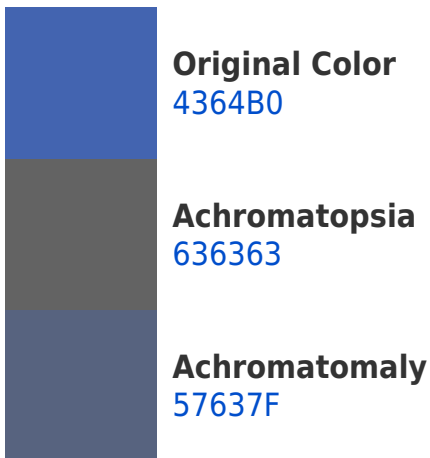


Tritanopia
287079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4364B0 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 #4364B0 looks like.

```
.text, #text, p{  
    color:#4364B0  
}
```

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 #4364B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4364B0
}
```

Border

The CSS property to change the border of an element to Hex 4364B0 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
#4364B0 }
```

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

```
.border{ border-color:#4364B0 }
```

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

Here you see how a box with a 4 pixel #4364B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4364B0; -webkit-box-shadow:4px 4px  
4px 4px #4364B0; box-shadow:4px 4px 4px  
4px #4364B0 }
```

Background

The CSS property to change the background color of an element to Hex 4364B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4364B0 }
```

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

```
.background{ background-color:#4364B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor