

Converting Colors

Hex(4583B3)

Have a look what the booklet for
Hex(4583B3) contains.

Hex(4583B3)	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(4583B3)

Conversions

Conversions Part 1

Format	Color
Hex	4583B3
RGB	69, 131, 179
RGB Percent	27%, 51%, 70%
CMY	0.7294, 0.4863, 0.2980
CMYK	0.61, 0.27, 0.00, 0.30
HSL	206°, 44%, 49%
HSV	206°, 61%, 70%
XYZ	18.7072, 20.7525, 45.6675
YIQ	117.9340, -52.3600, 1.7840

Conversions

Conversions Part 2

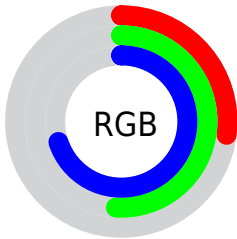
Format	Color
R _Y B	69, 109, 179
Decimal	4555699
CIE Lab	52.68, -5.18, -31.30
CIE LCh	53, 31.724, 260.603
Yxy	20.7525, 0.2198, 0.2438
Android (android.graphics.Color)	4282745779 (0xFF4583B3)
YUV	117.9340, 30.1055, -42.9151
Hunter-Lab	45.5549, -6.4196, -27.5481

Details

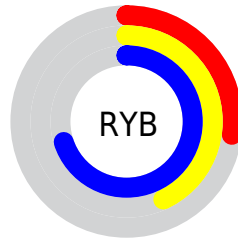
The Hex color **4583B3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B37545**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7EB8EB**, and **00527E** is the 20% darker color. If you saturate the color by 10%, you get **337BB3**, and if you desaturate by 10%, it is **578BB3**.

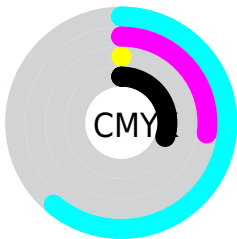
Distribution



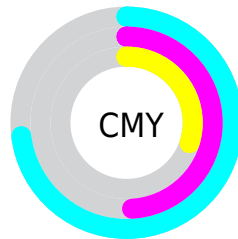
- Red (27%)
- Green (51%)
- Blue (70%)



- Red (27%)
- Yellow (43%)
- Blue (70%)



- Cyan (61%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4583B3 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 4583B3 by changing the saturation by 10% instead.

■ 4583B3

■ 4583B3

FFFFFF

■ 246A98

■ 7EB8EB

■ 00527E

■ 9BD3FF

■ 003B65

■ B7F0FF

■ 00264D

■ D5FFFF

■ 001136

■ F2FFFF

■ 000220

■ 000003

■ 000000

■ 4583B3

■ 4583B3

■ 337BB3

■ 578BB3

■ 2173B3

■ 6993B3

■ 0F6CB3

■ 7B9AB3

■ 0065B3

■ 8DA2B3

■ 9EAAB3

■ B0B2B3

■ C2BAB3

■ D4C1B3

■ E6C9B3

Harmonies

Analogous

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



0189A7



4583B3



747AB1

Triad

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



4583B3



B3696C



5D885A

Complementary

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



4583B3



B37545

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.



7C824A



4583B3



AA7055

Square

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



4583B3



AD6987



977948



388C74

Rectangle

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



4583B3



8D73A7



977948



688653

Sweetspot

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



4583B3



BED6E8



45B375



5B6A75



F5F5F5



757575

Same Dimension

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



4583B3



3C9DE8



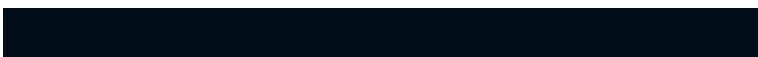
454CB3



505559



005699



000E1A

Inverse Universe

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



B34583



E83C9D



B3AC45



595055



990056



1A000E

Previews

White Background



This preview shows how the Hex color 4583B3 looks on a white background.

Color Contrast Check

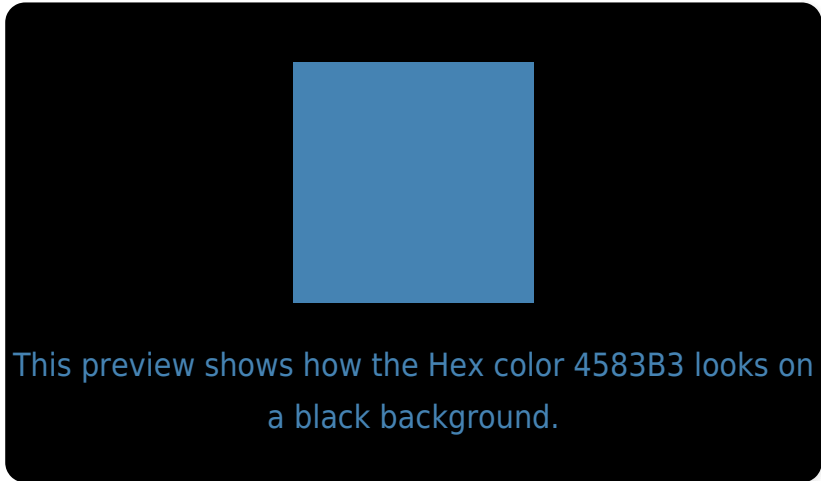
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

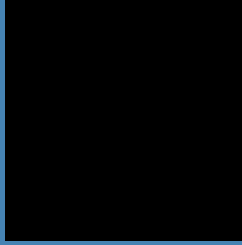
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

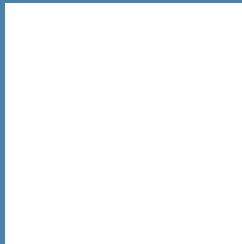
Any Text WCAG AAA × Fail

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

Hex 4583B3 Background



This preview shows how black text looks on a background with the Hex color 4583B3.

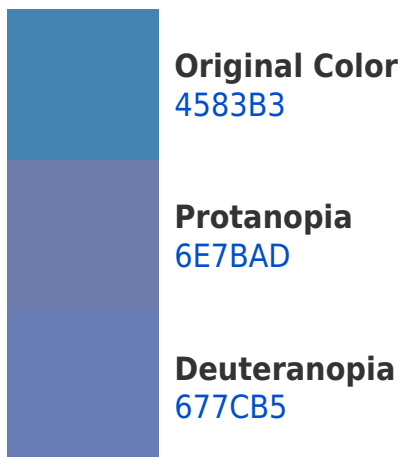


This preview shows how white text looks on a background with the Hex color 4583B3.

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](#).

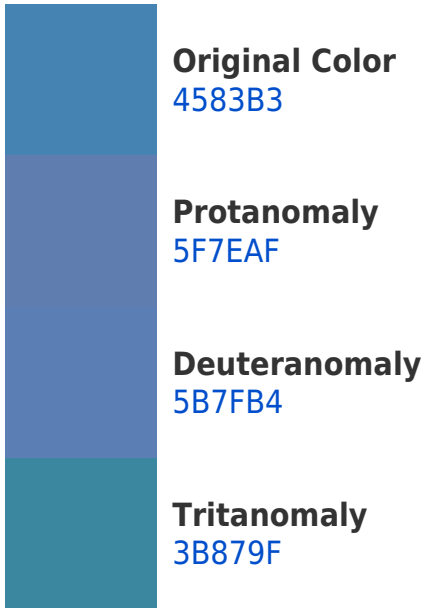
Dichromacy



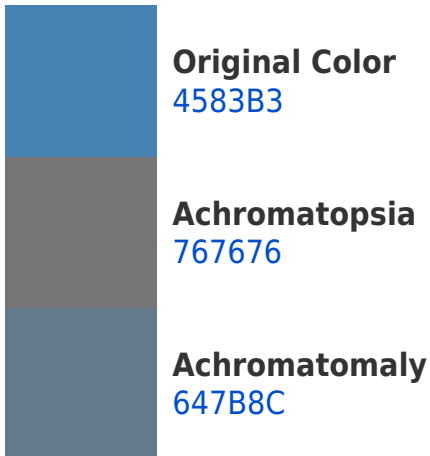


Tritanopia
368994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4583B3 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 #4583B3 looks like.

```
.text, #text, p{  
    color:#4583B3  
}
```

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 #4583B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4583B3
}
```

Border

The CSS property to change the border of an element to Hex 4583B3 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
#4583B3 }
```

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

```
.border{ border-color:#4583B3 }
```

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

Here you see how a box with a 4 pixel #4583B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4583B3; -webkit-box-shadow:4px 4px  
4px 4px #4583B3; box-shadow:4px 4px 4px  
4px #4583B3 }
```

Background

The CSS property to change the background color of an element to Hex 4583B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4583B3 }
```

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

```
.background{ background-color:#4583B3 }
```

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