

Converting Colors

Hex(4594A1)

Have a look what the booklet for
Hex(4594A1) contains.

Hex(4594A1)	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(4594A1)

Conversions

Conversions Part 1

Format	Color
Hex	4594A1
RGB	69, 148, 161
RGB Percent	27%, 58%, 63%
CMY	0.7294, 0.4196, 0.3686
CMYK	0.57, 0.08, 0.00, 0.37
HSL	188°, 40%, 45%
HSV	188°, 57%, 63%
XYZ	19.4772, 25.0182, 37.5207
YIQ	125.8610, -51.2570, -12.7050

Conversions

Conversions Part 2

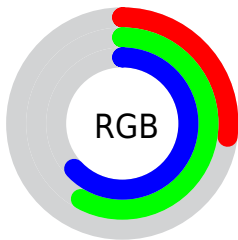
Format	Color
RYB	69, 112, 161
Decimal	4560033
CIELab	57.09, -20.28, -14.19
CIElCh	57, 24.751, 214.994
Yxy	25.0182, 0.2375, 0.3050
Android (android.graphics.Color)	4282750113 (0xFF4594A1)
YUV	125.8610, 17.3235, -49.8671
Hunter-Lab	50.0182, -18.0237, -9.4630

Details

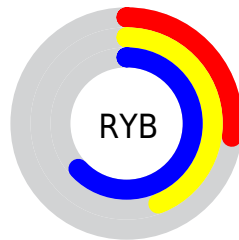
The Hex color **4594A1** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A15245**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7DCAD8**, and **00616D** is the 20% darker color. If you saturate the color by 10%, you get **3592A1**, and if you desaturate by 10%, it is **5596A1**.

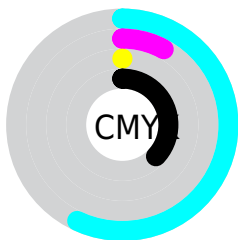
Distribution



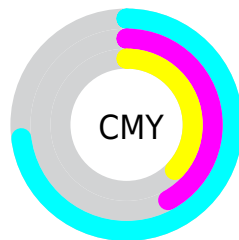
- Red (27%)
- Green (58%)
- Blue (63%)



- Red (27%)
- Yellow (44%)
- Blue (63%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)



- Cyan (73%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4594A1 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 4594A1 by changing the saturation by 10% instead.

■ 4594A1

■ 4594A1

FFFFFF

■ 267A87

■ 7DCAD8

■ 00616D

■ 99E6F4

■ 004955

■ B6FFFF

■ 00323E

■ D3FFFF

■ 001E28

■ F0FFFF

■ 000114

■ 000000

■ 4594A1

■ 4594A1

■ 3592A1

■ 5596A1

■ 258FA1

■ 6599A1

■ 158DA1

■ 759BA1

■ 058BA1

■ 859DA1

■ 008AA1

■ 969FA1

■ A6A2A1

■ B6A4A1

■ C6A6A1

■ D6A8A1

Harmonies

Analogous

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



4E958C



4594A1



5490B0

Triad

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



4594A1



A87C9C



95895E

Complementary

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



4594A1



A15245

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.



A88263



4594A1



B37986

Square

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



4594A1



9182AC



B37B71



7D8F65

Rectangle

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



4594A1



688CB4



B37B71



9C865E

Sweetspot

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



4594A1



AECCD1



45A151



546669



E8E8E8



696969

Same Dimension

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



4594A1



41BDD1



4567A1



495052



007D91



000F12

Inverse Universe

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



A14594



D141BD



A17F45



524950



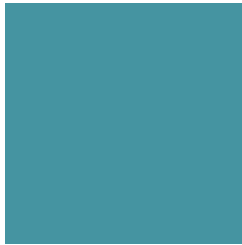
91007D



12000F

Previews

White Background



This preview shows how the Hex color 4594A1 looks on a white background.

Color Contrast Check

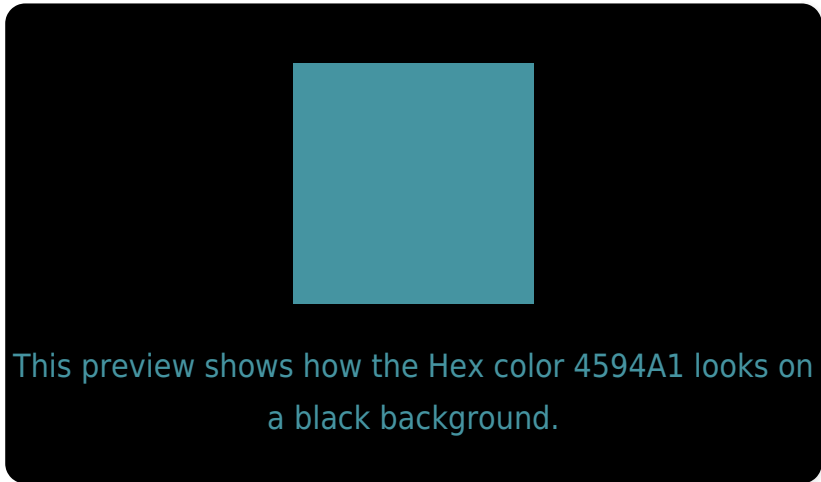
Large Text (above 18pt) WCAG AA ✓ Pass

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

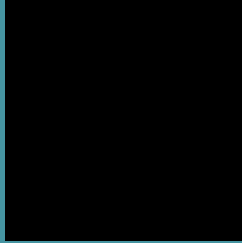
Any Text WCAG AA ✓ Pass

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 4594A1 Background



This preview shows how black text looks on a background with the Hex color 4594A1.

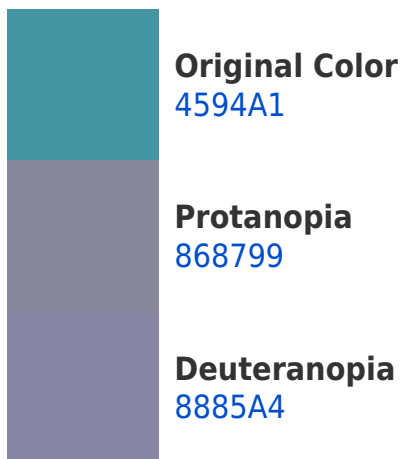


This preview shows how white text looks on a background with the Hex color 4594A1.

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](#).

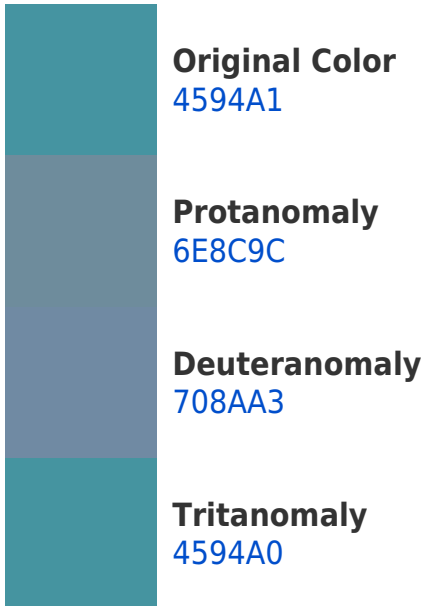
Dichromacy





Tritanopia
4594A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4594A1 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 #4594A1 looks like.

```
.text, #text, p{  
    color:#4594A1  
}
```

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 #4594A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4594A1
}
```

Border

The CSS property to change the border of an element to Hex 4594A1 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
#4594A1 }
```

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

```
.border{ border-color:#4594A1 }
```

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

Here you see how a box with a 4 pixel #4594A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4594A1; -webkit-box-shadow:4px 4px  
4px 4px #4594A1; box-shadow:4px 4px 4px  
4px #4594A1 }
```

Background

The CSS property to change the background color of an element to Hex 4594A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4594A1 }
```

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

```
.background{ background-color:#4594A1 }
```

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