

Converting Colors

Hex(458C94)

Have a look what the booklet for
Hex(458C94) contains.

Hex(458C94)	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(458C94)

Conversions

Conversions Part 1

Format	Color
Hex	458C94
RGB	69, 140, 148
RGB Percent	27%, 55%, 58%
CMY	0.7294, 0.4510, 0.4196
CMYK	0.53, 0.05, 0.00, 0.42
HSL	186°, 36%, 43%
HSV	186°, 53%, 58%
XYZ	17.1776, 22.1595, 31.3888
YIQ	119.6830, -44.8840, -12.5640

Conversions

Conversions Part 2

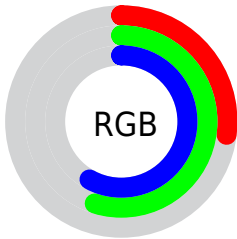
Format	Color
RYB	69, 106, 148
Decimal	4557972
CIELab	54.20, -19.88, -11.09
CIELCh	54, 22.763, 209.164
Yxy	22.1595, 0.2429, 0.3133
Android (android.graphics.Color)	4282748052 (0xFF458C94)
YUV	119.6830, 13.9603, -44.4490
Hunter-Lab	47.0739, -17.2432, -6.5828

Details

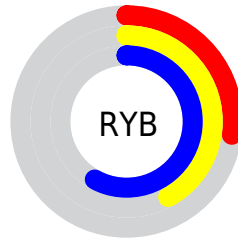
The Hex color **458C94** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **944D45**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7CC2CA**, and **005A61** is the 20% darker color. If you saturate the color by 10%, you get **368B94**, and if you desaturate by 10%, it is **548D94**.

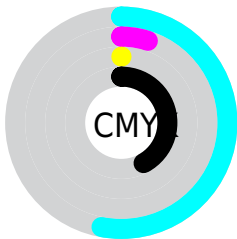
Distribution



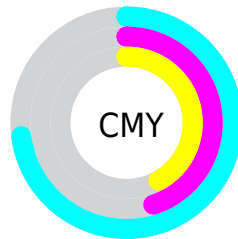
- Red (27%)
- Green (55%)
- Blue (58%)



- Red (27%)
- Yellow (42%)
- Blue (58%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458C94 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 458C94 by changing the saturation by 10% instead.

 458C94

 458C94

FFFFFF

 28727A

 7CC2CA

 005A61

 97DEE6

 00424A

 B3FAFF

 002B33

 D0FFFF

 00181E

 EDFFFF

 000003

 000000

 458C94

 458C94

 368B94

 548D94

■ 278994

■ 638F94

■ 198894

■ 719094

■ 0A8694

■ 809294

■ 008594

■ 8F9394

■ 9E9594

■ AD9694

■ BB9894

■ CA9994

Harmonies

Analogous

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



508C80



458C94



4F89A3

Triad

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



458C94



9A7696



90805A

Complementary

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



458C94



944D45

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.



A07A61



458C94



A77383

Square

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



458C94



847DA4



A9746F



7B865F

Rectangle

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



458C94



5F86A8



A9746F



967E5B

Sweetspot

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



458C94



A1BCBF



45944D



4E5F61



E0E0E0



616161

Same Dimension

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



458C94



45B3BF



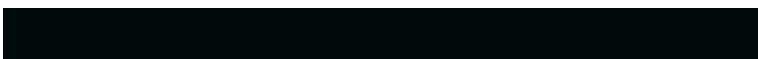
456594



43494A



007C8A



00090A

Inverse Universe

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



94458C



BF45B3



947445



4A4349



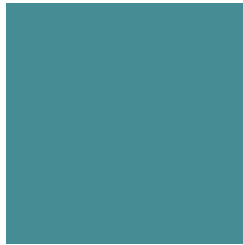
8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 458C94 looks on a white background.

Color Contrast Check

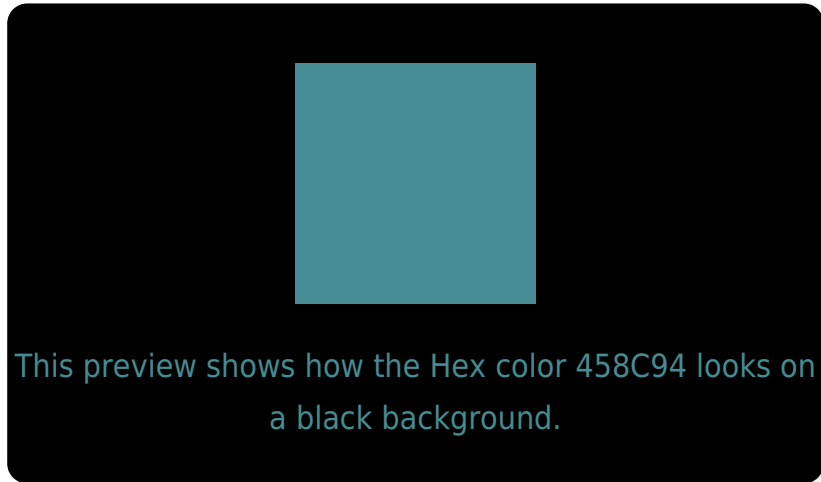
Large Text (above 18pt) WCAG AA ✓ Pass

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

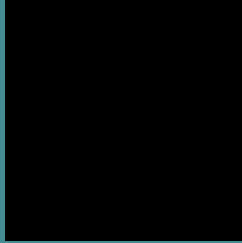
Any Text WCAG AA ✓ Pass

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 458C94 Background



This preview shows how black text looks on a background with the Hex color 458C94.

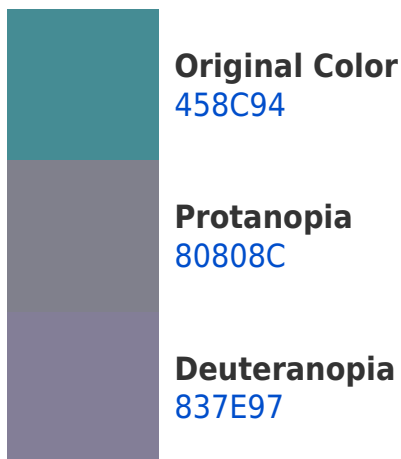


This preview shows how white text looks on a background with the Hex color 458C94.

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](#).

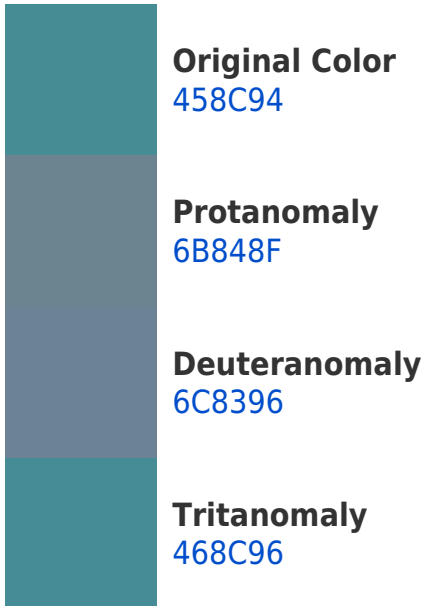
Dichromacy





Tritanopia
468C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 458C94 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 #458C94 looks like.

```
.text, #text, p{  
    color:#458C94  
}
```

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 #458C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458C94
}
```

Border

The CSS property to change the border of an element to Hex 458C94 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
#458C94 }
```

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

```
.border{ border-color:#458C94 }
```

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

Here you see how a box with a 4 pixel #458C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458C94; -webkit-box-shadow:4px 4px  
4px 4px #458C94; box-shadow:4px 4px 4px  
4px #458C94 }
```

Background

The CSS property to change the background color of an element to Hex 458C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458C94 }
```

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

```
.background{ background-color:#458C94 }
```

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