

Converting Colors

Hex(458C98)

Have a look what the booklet for
Hex(458C98) contains.

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Color

Hex(458C98)

Conversions

Conversions Part 1

Format	Color
Hex	458C98
RGB	69, 140, 152
RGB Percent	27%, 55%, 60%
CMY	0.7294, 0.4510, 0.4039
CMYK	0.55, 0.08, 0.00, 0.40
HSL	189°, 38%, 43%
HSV	189°, 55%, 60%
XYZ	17.4998, 22.2884, 33.0855
YIQ	120.1390, -46.1680, -11.3200

Conversions

Conversions Part 2

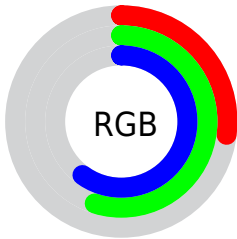
Format	Color
RYB	69, 107, 152
Decimal	4557976
CIELab	54.33, -18.71, -13.20
CIElCh	54, 22.893, 215.203
Yxy	22.2884, 0.2401, 0.3058
Android (android.graphics.Color)	4282748056 (0xFF458C98)
YUV	120.1390, 15.7075, -44.8489
Hunter-Lab	47.2106, -16.4528, -8.5035

Details

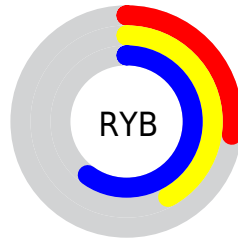
The Hex color **458C98** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **985145**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7CC2CE**, and **005A65** is the 20% darker color. If you saturate the color by 10%, you get **368A98**, and if you desaturate by 10%, it is **548E98**.

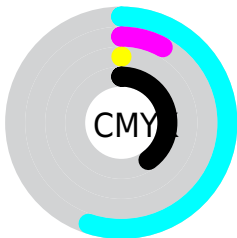
Distribution



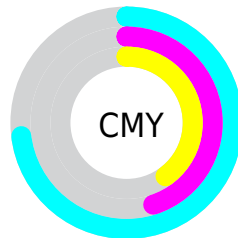
- Red (27%)
- Green (55%)
- Blue (60%)



- Red (27%)
- Yellow (42%)
- Blue (60%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458C98 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 458C98 by changing the saturation by 10% instead.

■ 458C98

■ 458C98

FFFFFF

■ 28727E

■ 7CC2CE

■ 005A65

■ 98DEEA

■ 00424D

■ B4FAFF

■ 002C36

■ D1FFFF

■ 001921

■ EEEFFF

■ 000008

■ 000000

■ 458C98

■ 458C98

■ 368A98

■ 548E98

■ 278898

■ 639098

■ 178598

■ 739398

■ 088398

■ 829598

■ 008298

■ 919798

■ A09998

■ AF9B98

■ BF9E98

■ CEA098

Harmonies

Analogous

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



4C8D85



458C98



5388A5

Triad

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



458C98



9E7693



8D825A

Complementary

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



458C98



985145

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.



9E7B5F



458C98



A9737F

Square

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



458C98



897CA2



A8766C



778861

Rectangle

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



458C98



6485A9



A8766C



93805B

Sweetspot

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



458C98



A5C0C4



459850



516163



E3E3E3



636363

Same Dimension

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



458C98



43B2C4



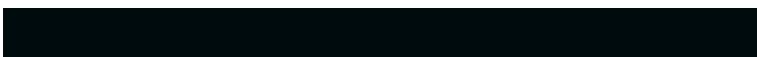
456398



454B4D



00788C



000B0D

Inverse Universe

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



98458C



C443B2



987A45



4D454B



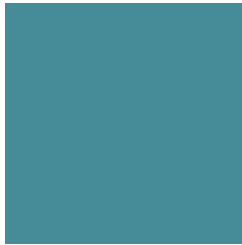
8C0078



0D000B

Previews

White Background



This preview shows how the Hex color 458C98 looks on a white background.

Color Contrast Check

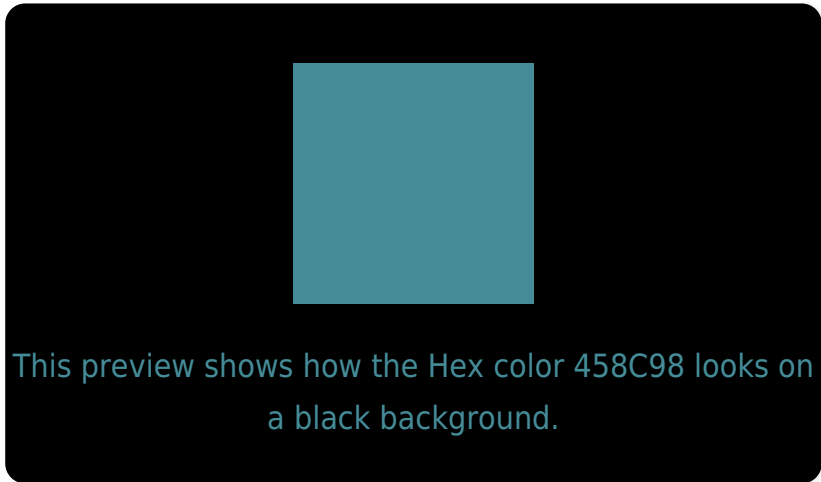
Large Text (above 18pt) WCAG AA ✓ Pass

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

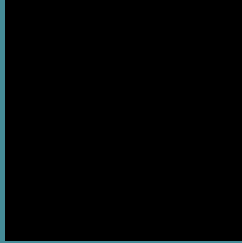
Any Text WCAG AA ✓ Pass

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 458C98 Background



This preview shows how black text looks on a background with the Hex color 458C98.

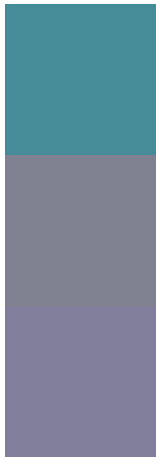


This preview shows how white text looks on a background with the Hex color 458C98.

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
458C98

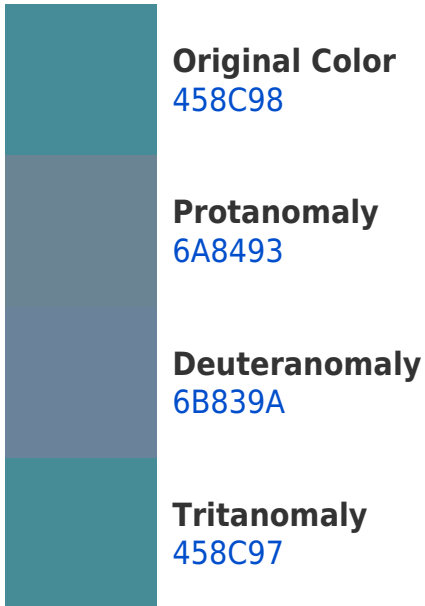
Protanopia
7F8090

Deuteranopia
817E9B



Tritanopia
458C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 458C98 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 #458C98 looks like.

```
.text, #text, p{  
    color:#458C98  
}
```

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 #458C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458C98  
}
```

Border

The CSS property to change the border of an element to Hex 458C98 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  
#458C98 }
```

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

```
.border{ border-color:#458C98 }
```

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

Here you see how a box with a 4 pixel #458C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458C98; -webkit-box-shadow:4px 4px  
4px 4px #458C98; box-shadow:4px 4px 4px  
4px #458C98 }
```

Background

The CSS property to change the background color of an element to Hex 458C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458C98 }
```

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

```
.background{ background-color:#458C98 }
```

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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