

Converting Colors

Hex(458986)

Have a look what the booklet for
Hex(458986) contains.

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Color

Hex(458986)

Conversions

Conversions Part 1

Format	Color
Hex	458986
RGB	69, 137, 134
RGB Percent	27%, 54%, 53%
CMY	0.7294, 0.4627, 0.4745
CMYK	0.50, 0.00, 0.02, 0.46
HSL	177°, 33%, 40%
HSV	177°, 50%, 54%
XYZ	15.7030, 20.8778, 25.7564
YIQ	116.3260, -39.5650, -15.3490

Conversions

Conversions Part 2

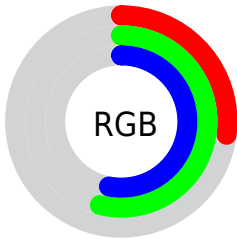
Format	Color
RYB	69, 104, 137
Decimal	4557190
CIELab	52.82, -22.26, -5.04
CIElCh	53, 22.824, 192.767
Yxy	20.8778, 0.2519, 0.3349
Android (android.graphics.Color)	4282747270 (0xFF458986)
YUV	116.3260, 8.7133, -41.5049
Hunter-Lab	45.6922, -18.6164, -1.4369

Details

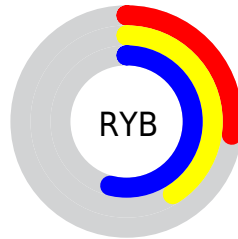
The Hex color **458986** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **894548**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7BBFBB**, and **055755** is the 20% darker color. If you saturate the color by 10%, you get **378985**, and if you desaturate by 10%, it is **538987**.

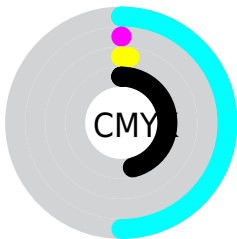
Distribution



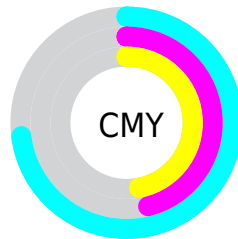
- Red (27%)
- Green (54%)
- Blue (53%)



- Red (27%)
- Yellow (41%)
- Blue (54%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (46%)



- Cyan (73%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458986 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 458986 by changing the saturation by 10% instead.

■ 458986

■ 458986

FFFFFF

■ 296F6D

■ 7BBFBB

■ 055755

■ 96DBD7

■ 003F3D

■ B2F7F3

■ 002928

■ CEFFFF

■ 001213

■ EBFFFF

■ 000000

■ 458986

■ 458986

■ 378985

■ 538987

■ 2A8985

■ 608987

■ 1C8984

■ 6E8988

■ 0E8984

■ 7C8988

■ 008983

■ 8A8989

■ 97898A

■ A5898A

■ B3898B

■ C0898B

Harmonies

Analogous

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



578872



458986



438798

Triad

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



458986



8B769B



967959

Complementary

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



458986



894548

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.



A27364



458986



9E718A

Square

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



458986



717DA4



A57076



848058

Rectangle

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



458986



4D85A0



A57076



9B775C

Sweetspot

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



458986



98B3B1



488945



495959



D9D9D9



595959

Same Dimension

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



458986



47B3AE



456A89



3E4545



00857F



000505

Inverse Universe

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



894548



B3474C



896445



453E3E



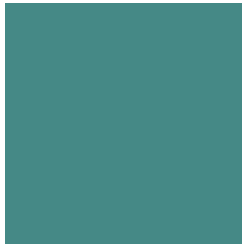
850006



050000

Previews

White Background



This preview shows how the Hex color 458986 looks on a white background.

Color Contrast Check

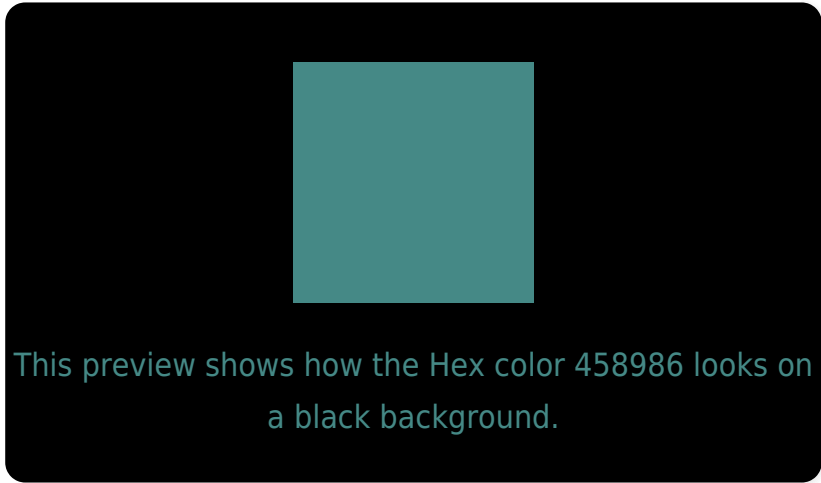
Large Text (above 18pt) WCAG AA ✓ Pass

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

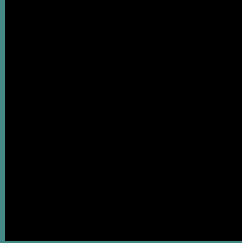
Any Text WCAG AA ✓ Pass

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 458986 Background



This preview shows how black text looks on a background with the Hex color 458986.

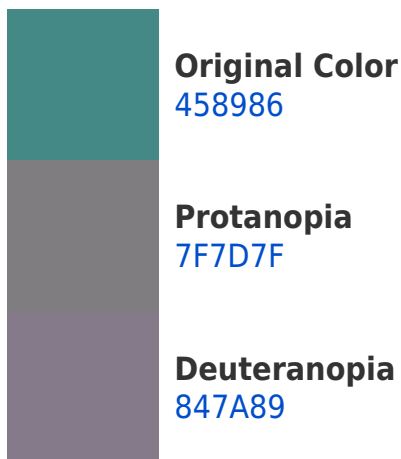


This preview shows how white text looks on a background with the Hex color 458986.

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](#).

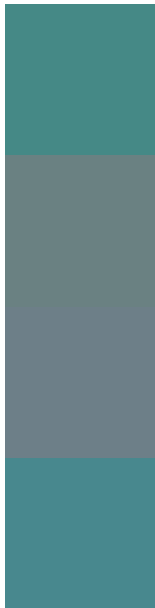
Dichromacy





Tritanopia
498792

Trichromacy



Original Color
458986

Protanomaly
6A8182

Deuteranomaly
6D7F88

Tritanomaly
48888E

Monochromacy



Original Color
458986

Achromatopsia
747474

Achromatomaly
637C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 458986 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 #458986 looks like.

```
.text, #text, p{  
    color:#458986  
}
```

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 #458986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458986
}
```

Border

The CSS property to change the border of an element to Hex 458986 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".

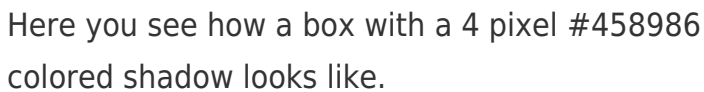
```
.border, #border, table{ border:4px solid
#458986 }
```

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

```
.border{ border-color:#458986 }
```

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

Here you see how a box with a 4 pixel #458986 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458986; -webkit-box-shadow:4px 4px  
4px 4px #458986; box-shadow:4px 4px 4px  
4px #458986 }
```

Background

The CSS property to change the background color of an element to Hex 458986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458986 }
```

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

```
.background{ background-color:#458986 }
```

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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