

Converting Colors

Hex(458977)

Have a look what the booklet for
Hex(458977) contains.

Hex(458977)	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(458977)

Conversions

Conversions Part 1

Format	Color
Hex	458977
RGB	69, 137, 119
RGB Percent	27%, 54%, 47%
CMY	0.7294, 0.4627, 0.5333
CMYK	0.50, 0.00, 0.13, 0.46
HSL	164°, 33%, 40%
HSV	164°, 50%, 54%
XYZ	14.7297, 20.4884, 20.6311
YIQ	114.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

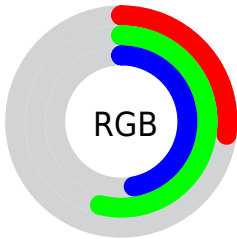
Format	Color
R_{YB}	69, 108, 137
Decimal	4557175
CIE _{Lab}	52.39, -26.19, 3.03
CIE _{LCh}	52, 26.370, 173.397
Yxy	20.4884, 0.2637, 0.3669
Android (android.graphics.Color)	4282747255 (0xFF458977)
YUV	114.6160, 2.1613, -40.0052
Hunter-Lab	45.2642, -21.1255, 4.6609

Details

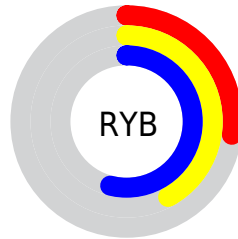
The Hex color **458977** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **894557**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7ABFAB**, and **095747** is the 20% darker color. If you saturate the color by 10%, you get **378973**, and if you desaturate by 10%, it is **53897B**.

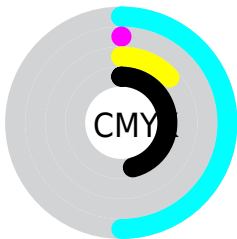
Distribution



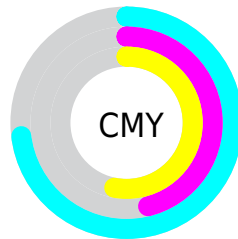
- Red (27%)
- Green (54%)
- Blue (47%)



- Red (27%)
- Yellow (42%)
- Blue (54%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (46%)



- Cyan (73%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458977 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 458977 by changing the saturation by 10% instead.

 458977

 458977

FFFFFF

 2A6F5E

 7ABFAB

 095747

 95DBC6

 003F30

 B1F7E2

 00281C

 CDFFFF

 001001

 EAFFFF

 000000

 458977

 458977

 378973

 53897B

 2A8970

 60897E

■ 1C896C

■ 6E8982

■ 0E8968

■ 7C8986

■ 008965

■ 8A8989

■ 97898D

■ A58990

■ B38994

■ C08998

Harmonies

Analogous

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



608661



458977



30898E

Triad

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



458977



7979A6



A2725A

Complementary

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



458977



894557

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.



AA6D6C



458977



957198

Square

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



458977



5681A9



A66C83



917A50

Rectangle

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



458977



30889B



A66C83



A6705F

Sweetspot

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



458977



98B3AB



578945



495955



D9D9D9



595959

Same Dimension

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



458977



47B396



457989



3E4543



008562



000504

Inverse Universe

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



894557



B34764



895545



453E40



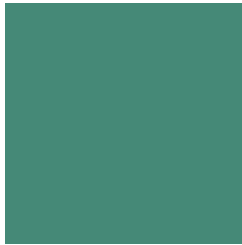
850023



050001

Previews

White Background



This preview shows how the Hex color 458977 looks on a white background.

Color Contrast Check

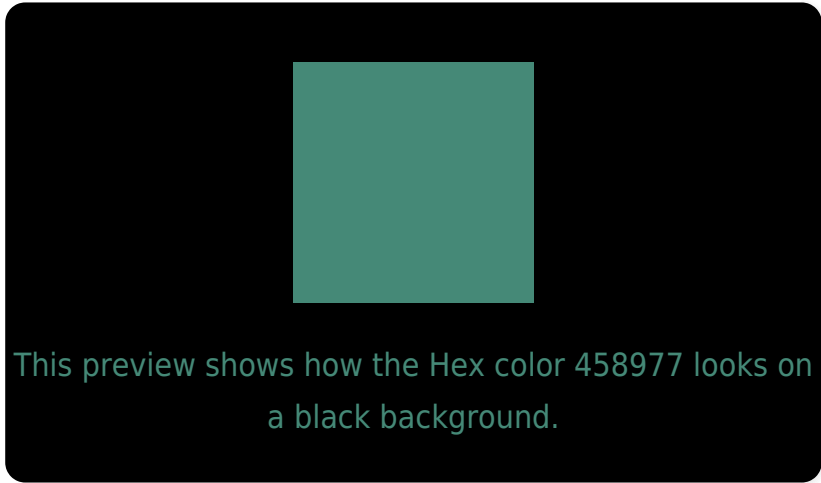
Large Text (above 18pt) WCAG AA ✓ Pass

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

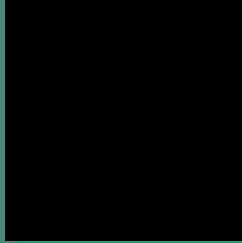
Any Text WCAG AA ✓ Pass

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 458977 Background



This preview shows how black text looks on a background with the Hex color 458977.

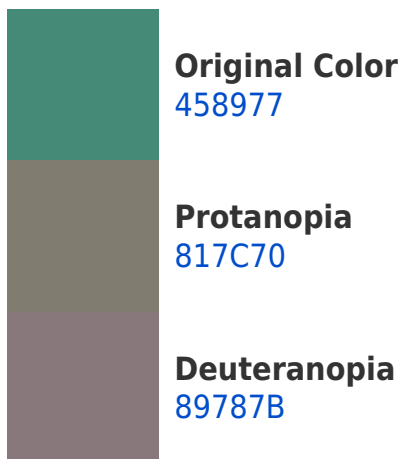


This preview shows how white text looks on a background with the Hex color 458977.

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
4D8590

Trichromacy



Original Color
458977

Protanomaly
6B8173

Deuteranomaly
707E7A

Tritanomaly
4A8687

Monochromacy



Original Color
458977

Achromatopsia
737373

Achromatomaly
627B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 458977 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 #458977 looks like.

```
.text, #text, p{  
    color:#458977  
}
```

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 #458977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458977  
}
```

Border

The CSS property to change the border of an element to Hex 458977 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  
#458977 }
```

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

```
.border{ border-color:#458977 }
```

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

Here you see how a box with a 4 pixel #458977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458977; -webkit-box-shadow:4px 4px  
4px 4px #458977; box-shadow:4px 4px 4px  
4px #458977 }
```

Background

The CSS property to change the background color of an element to Hex 458977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458977 }
```

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

```
.background{ background-color:#458977 }
```

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