

Converting Colors

Hex(45957B)

Have a look what the booklet for
Hex(45957B) contains.

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Color

Hex(45957B)

Conversions

Conversions Part 1

Format	Color
Hex	45957B
RGB	69, 149, 123
RGB Percent	27%, 58%, 48%
CMY	0.7294, 0.4157, 0.5176
CMYK	0.54, 0.00, 0.17, 0.42
HSL	160°, 37%, 43%
HSV	160°, 54%, 58%
XYZ	16.7768, 24.1902, 22.5238
YIQ	122.1160, -39.3340, -25.0460

Conversions

Conversions Part 2

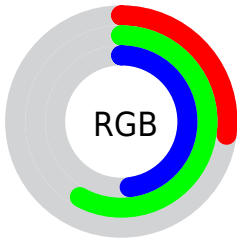
Format	Color
R _Y B	69, 117, 149
Decimal	4560251
CIE Lab	56.28, -31.07, 6.33
CIE LCh	56, 31.706, 168.478
Yxy	24.1902, 0.2642, 0.3810
Android (android.graphics.Color)	4282750331 (0xFF45957B)
YUV	122.1160, 0.4358, -46.5827
Hunter-Lab	49.1835, -25.1835, 7.2763

Details

The Hex color **45957B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95455F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7BCCAF**, and **00624A** is the 20% darker color. If you saturate the color by 10%, you get **369576**, and if you desaturate by 10%, it is **549580**.

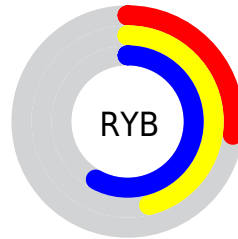
Distribution



Red (27%)

Green (58%)

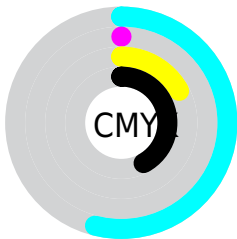
Blue (48%)



Red (27%)

Yellow (46%)

Blue (58%)

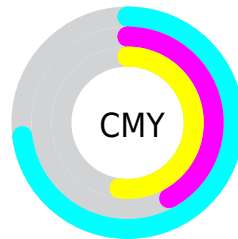


Cyan (54%)

Magenta (0%)

Yellow (17%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45957B 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 45957B by changing the saturation by 10% instead.

 45957B

 45957B

FFFFFF

 287B62

 7BCCAF

 00624A

 97E8CB

 004934

 B3FFE7

 00321F

 CFFFFFF

 001E06

 ECFFFF

 000000

 45957B

 45957B

 369576

 549580

 279571

 639585

■ 18956C

■ 72958A

■ 099568

■ 81958E

■ 009565

■ 909593

■ 9E9598

■ AD959D

■ BC95A2

■ CB95A7

Harmonies

Analogous

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



699161



45957B



1C9697

Triad

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



45957B



7B84BB



B5785F

Complementary

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



45957B



95455F

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.



BD7277



45957B



9F7AAC

Square

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



45957B



4C8DBC



B67393



A38251

Rectangle

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



45957B



0F94A8



B67393



B97666

Sweetspot

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



45957B



A3C2B8



609545



4E615B



E0E0E0



616161

Same Dimension

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



45957B



46C299



458895



434A48



008A5D



000A07

Inverse Universe

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



95455F



C2466E



955245



4A4345



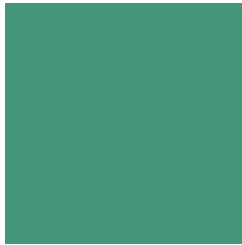
8A002D



0A0003

Previews

White Background



This preview shows how the Hex color 45957B looks on a white background.

Color Contrast Check

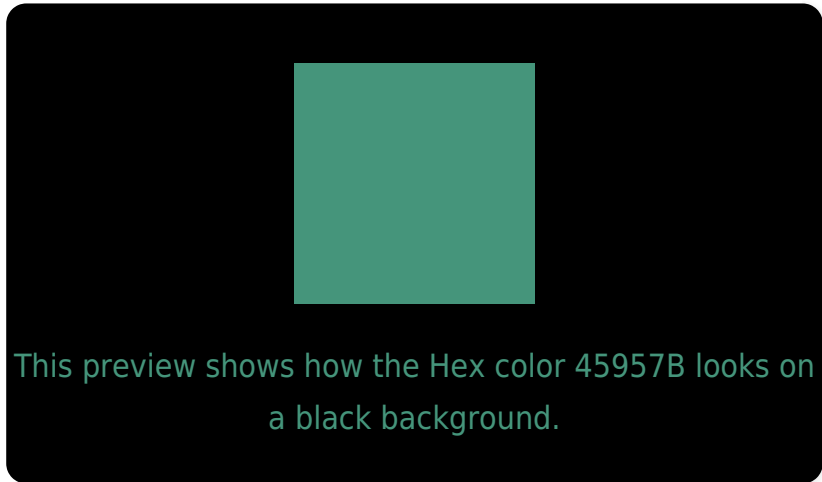
Large Text (above 18pt) WCAG AA ✓ Pass

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

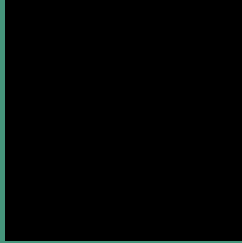
Any Text WCAG AA ✓ Pass

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 45957B Background



This preview shows how black text looks on a background with the Hex color 45957B.

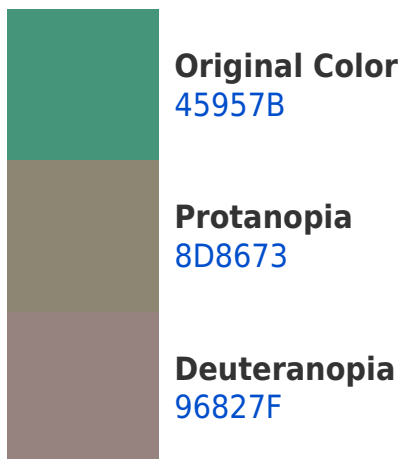


This preview shows how white text looks on a background with the Hex color 45957B.

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
4F909C

Trichromacy



Original Color
45957B

Protanomaly
738B76

Deuteranomaly
79897E

Tritanomaly
4B9290

Monochromacy



Original Color
45957B

Achromatopsia
7A7A7A

Achromatomaly
67847A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45957B 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 #45957B looks like.

```
.text, #text, p{  
    color:#45957B  
}
```

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 #45957B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45957B
}
```

Border

The CSS property to change the border of an element to Hex 45957B 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
#45957B }
```

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

```
.border{ border-color:#45957B }
```

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

Here you see how a box with a 4 pixel #45957B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45957B; -webkit-box-shadow:4px 4px  
4px 4px #45957B; box-shadow:4px 4px 4px  
4px #45957B }
```

Background

The CSS property to change the background color of an element to Hex 45957B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45957B }
```

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

```
.background{ background-color:#45957B }
```

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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