

Converting Colors

Hex(45909A)

Have a look what the booklet for
Hex(45909A) contains.

| | |
|--|----|
| Hex(45909A) | 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(45909A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 45909A |
| RGB | 69, 144, 154 |
| RGB Percent | 27%, 56%, 60% |
| CMY | 0.7294, 0.4353, 0.3961 |
| CMYK | 0.55, 0.06, 0.00, 0.40 |
| HSL | 187°, 38%, 44% |
| HSV | 187°, 55%, 60% |
| XYZ | 18.2602, 23.5448, 34.1540 |
| YIQ | 122.7150, -47.9100, -12.7900 |

Conversions

Conversions Part 2

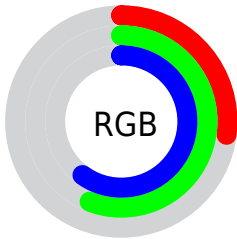
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 69, 109, 154 |
| Decimal | 4559002 |
| CIELab | 55.63, -20.24, -12.39 |
| CIElCh | 56, 23.730, 211.481 |
| Yxy | 23.5448, 0.2404, 0.3100 |
| Android (android.graphics.Color) | 4282749082 (0xFF45909A) |
| YUV | 122.7150, 15.4235, -47.1081 |
| Hunter-Lab | 48.5230, -17.7419, -7.7665 |

Details

The Hex color **45909A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A4F45**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7CC6D0**, and **005D67** is the 20% darker color. If you saturate the color by 10%, you get **368E9A**, and if you desaturate by 10%, it is **54929A**.

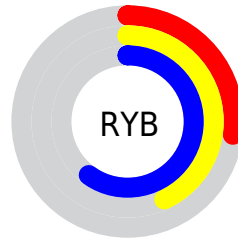
Distribution



Red (27%)

Green (56%)

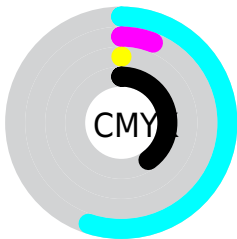
Blue (60%)



Red (27%)

Yellow (43%)

Blue (60%)

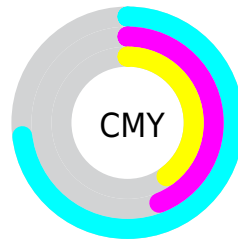


Cyan (55%)

Magenta (6%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45909A 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 45909A by changing the saturation by 10% instead.



45909A



45909A

FFFFFF



277680



7CC6D0



005D67



98E2ED



00454F



B5FFFF



002F38



D1FFFF



001C23



EFFFFFF



00000C



000000



45909A



45909A



368E9A



54929A

■ 268C9A

■ 64949A

■ 178B9A

■ 73959A

■ 07899A

■ 83979A

■ 00889A

■ 92999A

■ A19B9A

■ B19D9A

■ C09E9A

■ D0A09A

Harmonies

Analogous

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



4F9186



45909A



518DA9

Triad

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



45909A



A17999



93845C

Complementary

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



45909A



9A4F45

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.



A47D62



45909A



AD7685

Square

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



45909A



8A80A8



AE7871



7D8A62

Rectangle

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



45909A



6289AE



AE7871



99825D

Sweetspot

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



45909A



A7C5C9



459A4F



526466



E6E6E6



666666

Same Dimension

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



45909A



44BAC9



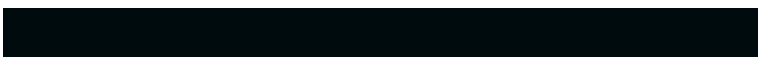
45669A



454C4D



007C8C



000B0D

Inverse Universe

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



9A4590



C944BA



9A7945



4D454C



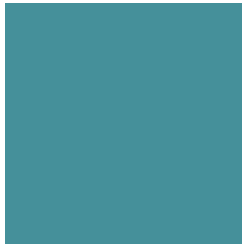
8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 45909A looks on a white background.

Color Contrast Check

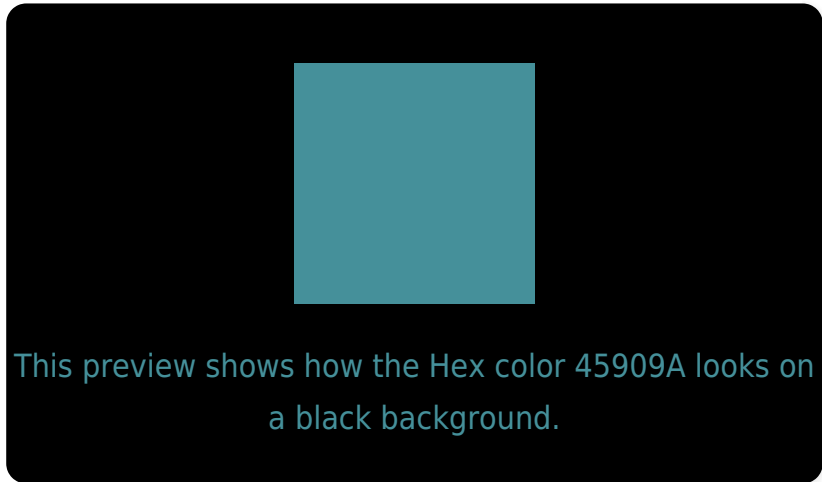
Large Text (above 18pt) WCAG AA ✓ Pass

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

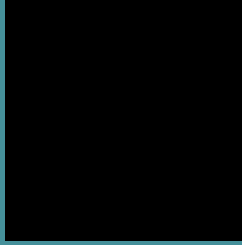
Any Text WCAG AA ✓ Pass

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 45909A Background



This preview shows how black text looks on a background with the Hex color 45909A.

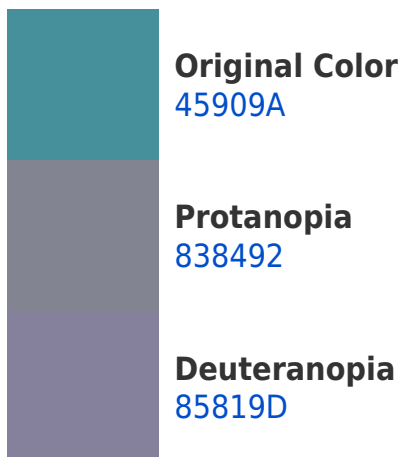


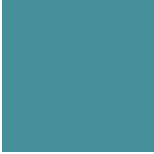
This preview shows how white text looks on a background with the Hex color 45909A.

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](#).

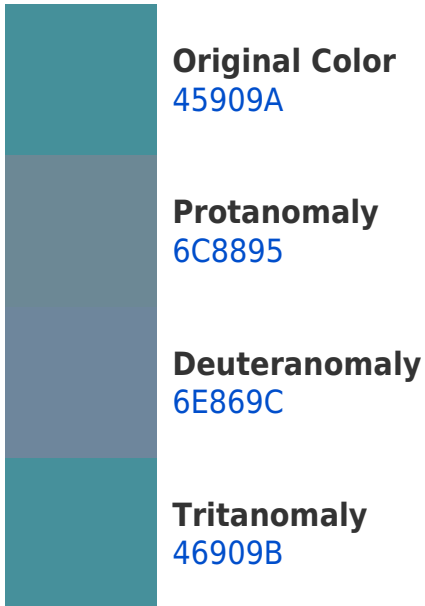
Dichromacy



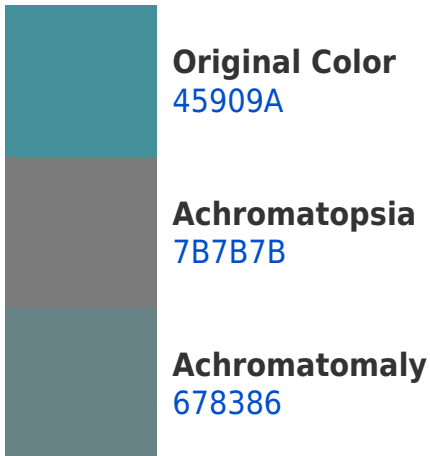


Tritanopia
46909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45909A 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 #45909A looks like.

```
.text, #text, p{  
    color:#45909A  
}
```

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 #45909A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45909A
}
```

Border

The CSS property to change the border of an element to Hex 45909A 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
#45909A }
```

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

```
.border{ border-color:#45909A }
```

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

Here you see how a box with a 4 pixel #45909A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45909A; -webkit-box-shadow:4px 4px  
4px 4px #45909A; box-shadow:4px 4px 4px  
4px #45909A }
```

Background

The CSS property to change the background color of an element to Hex 45909A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45909A }
```

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

```
.background{ background-color:#45909A }
```

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