

Converting Colors

Hex(45759B)

Have a look what the booklet for
Hex(45759B) contains.

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Color

Hex(45759B)

Conversions

Conversions Part 1

Format	Color
Hex	45759B
RGB	69, 117, 155
RGB Percent	27%, 46%, 61%
CMY	0.7294, 0.5412, 0.3922
CMYK	0.55, 0.25, 0.00, 0.39
HSL	207°, 38%, 44%
HSV	207°, 55%, 61%
XYZ	14.7319, 16.3543, 33.3906
YIQ	106.9800, -40.8060, 1.6420

Conversions

Conversions Part 2

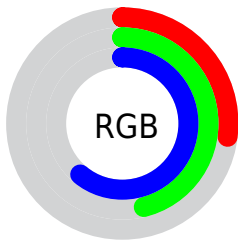
Format	Color
R _Y B	69, 100, 155
Decimal	4552091
CIE Lab	47.44, -4.85, -25.50
CIE LCh	47, 25.955, 259.233
Yxy	16.3543, 0.2285, 0.2536
Android (android.graphics.Color)	4282742171 (0xFF45759B)
YUV	106.9800, 23.6739, -33.3085
Hunter-Lab	40.4405, -5.7458, -20.6457

Details

The Hex color **45759B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B6B45**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7BA9D2**, and **004568** is the 20% darker color. If you saturate the color by 10%, you get **366E9B**, and if you desaturate by 10%, it is **557C9B**.

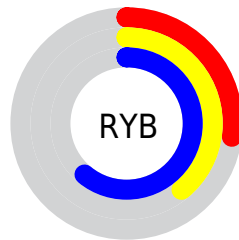
Distribution



Red (27%)

Green (46%)

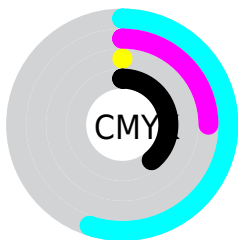
Blue (61%)



Red (27%)

Yellow (39%)

Blue (61%)

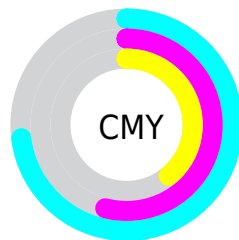


Cyan (55%)

Magenta (25%)

Yellow (0%)

Black (39%)



Cyan (73%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45759B 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 45759B by changing the saturation by 10% instead.

■ 45759B

■ 45759B

FFFFFF

■ 295C81

■ 7BA9D2

■ 004568

■ 97C4EE

■ 002F4F

■ B3E0FF

■ 001A38

■ CFFDFD

■ 000223

■ ECFDFF

■ 000009

■ 000000

■ 45759B

■ 45759B

■ 366E9B

■ 557C9B

■ 26679B

■ 64839B

■ 16609B

■ 738A9B

■ 075A9B

■ 83909B

■ 00579B

■ 93979B

■ A29E9B

■ B1A59B

■ C1AC9B

■ D1B39B

Harmonies

Analogous

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



257A91



45759B



686E9A

Triad

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



45759B



9C6063



587953

Complementary

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



45759B



9B6B45

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.



717447



45759B



966550

Square

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



45759B



966179



866C46



3D7C68

Rectangle

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



45759B



7C6892



866C46



61774E

Sweetspot

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



45759B



A7BAC9



459B6A



525D66



E6E6E6



666666

Same Dimension

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



45759B



428EC9



454B9B



45494D



004E8C



00070D

Inverse Universe

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



9B4575



C9428E



9B9545



4D4549



8C004E



0D0007

Previews

White Background



This preview shows how the Hex color 45759B looks on a white background.

Color Contrast Check

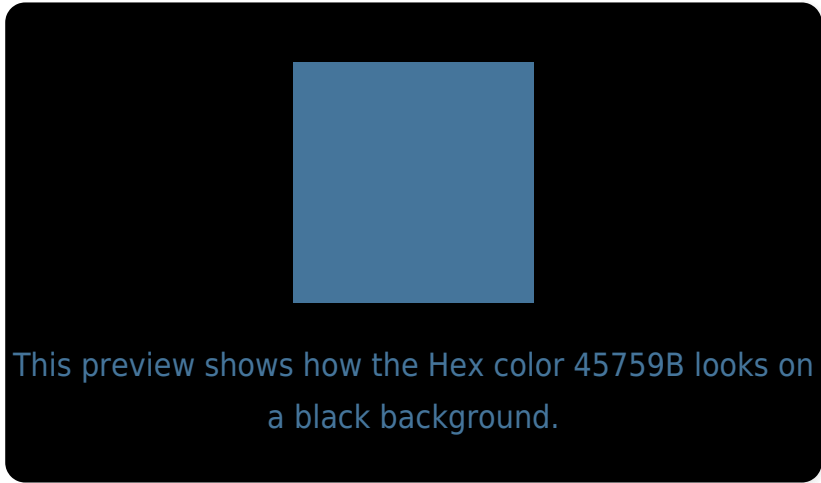
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

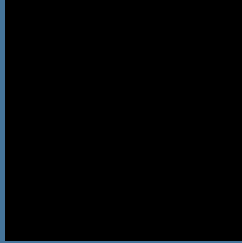
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

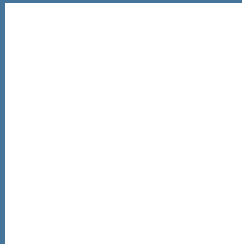
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 45759B Background



This preview shows how black text looks on a background with the Hex color 45759B.



This preview shows how white text looks on a background with the Hex color 45759B.

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](#).

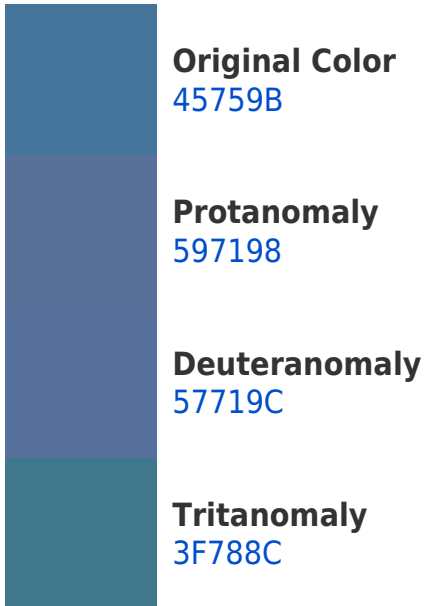
Dichromacy



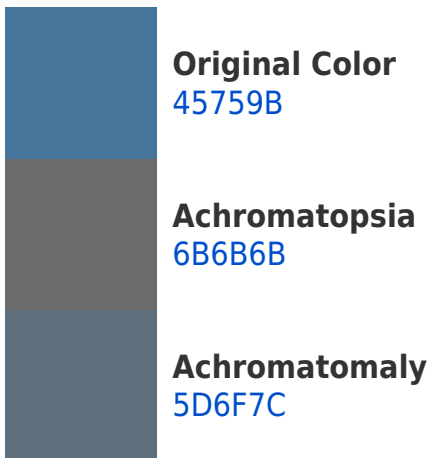


Tritanopia
3C7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45759B 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 #45759B looks like.

```
.text, #text, p{  
    color:#45759B  
}
```

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 #45759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45759B
}
```

Border

The CSS property to change the border of an element to Hex 45759B 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
#45759B }
```

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

```
.border{ border-color:#45759B }
```

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

Here you see how a box with a 4 pixel #45759B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45759B; -webkit-box-shadow:4px 4px  
4px 4px #45759B; box-shadow:4px 4px 4px  
4px #45759B }
```

Background

The CSS property to change the background color of an element to Hex 45759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45759B }
```

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

```
.background{ background-color:#45759B }
```

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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