

Converting Colors

Hex(45759E)

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

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Color

Hex(45759E)

Conversions

Conversions Part 1

Format	Color
Hex	45759E
RGB	69, 117, 158
RGB Percent	27%, 46%, 62%
CMY	0.7294, 0.5412, 0.3804
CMYK	0.56, 0.26, 0.00, 0.38
HSL	208°, 39%, 45%
HSV	208°, 56%, 62%
XYZ	14.9871, 16.4564, 34.7343
YIQ	107.3220, -41.7690, 2.5750

Conversions

Conversions Part 2

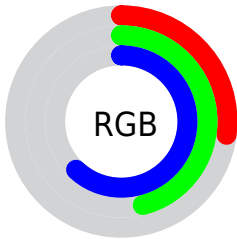
Format	Color
R_{YB}	69, 100, 158
Decimal	4552094
CIE _{Lab}	47.57, -3.87, -27.06
CIE _{LCh}	48, 27.333, 261.850
Yxy	16.4564, 0.2265, 0.2487
Android (android.graphics.Color)	4282742174 (0xFF45759E)
YUV	107.3220, 24.9843, -33.6084
Hunter-Lab	40.5665, -5.0455, -22.3693

Details

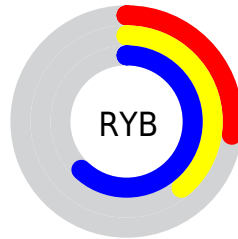
The Hex color **45759E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E6E45**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7CA9D5**, and **00456A** is the 20% darker color. If you saturate the color by 10%, you get **356E9E**, and if you desaturate by 10%, it is **557C9E**.

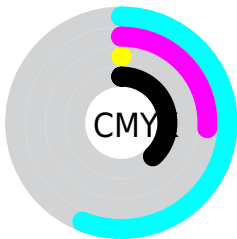
Distribution



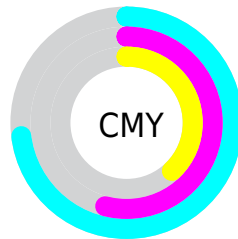
- Red (27%)
- Green (46%)
- Blue (62%)



- Red (27%)
- Yellow (39%)
- Blue (62%)



- Cyan (56%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (73%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

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

■ 45759E

■ 45759E

FFFFFF

■ 285C84

■ 7CA9D5

■ 00456A

■ 97C4F1

■ 002F52

■ B3E0FF

■ 001B3B

■ D0FDFE

■ 000225

■ EDFFEF

■ 00010D

■ 000000

■ 45759E

■ 45759E

■ 356E9E

■ 557C9E

■ 25669E

■ 65849E

■ 165F9E

■ 748B9E

■ 06589E

■ 84929E

■ 00559E

■ 94999E

■ A4A19E

■ B4A89E

■ C3AF9E

■ D3B79E

Harmonies

Analogous

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



1E7A94



45759E



6B6D9B

Triad

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



45759E



9E6061



547A54

Complementary

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



45759E



9E6E45

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.



6F7545



45759E



96654E

Square

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



45759E



996078



866D43



377D6A

Rectangle

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



45759E



7F6893



866D43



5E784E

Sweetspot

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



45759E



ABBECF



459E6D



545F69



E8E8E8



696969

Same Dimension

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



45759E



428ECF



45499E



474B4F



004D8F



00080F

Inverse Universe

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



9E4575



CF428E



9E9A45



4F474B



8F004D



0F0008

Previews

White Background



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

Color Contrast Check

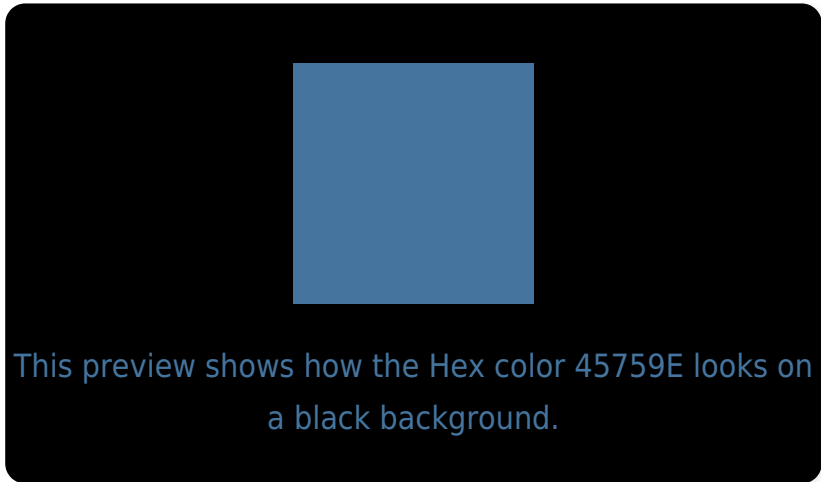
Large Text (above 18pt) WCAG AA ✓ Pass

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

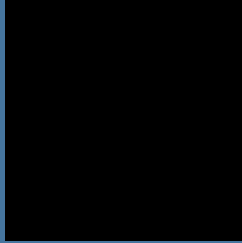
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

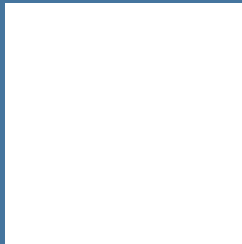
Any Text WCAG AAA × Fail

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

Hex 45759E Background



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




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

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](#).

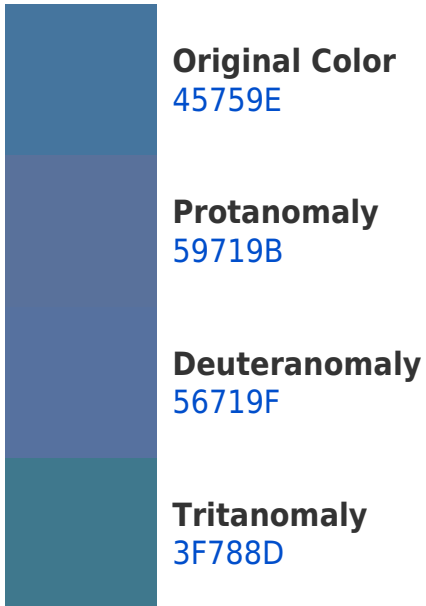
Dichromacy





Tritanopia
3B7A84

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #45759E colored shadow looks like.

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

Border

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

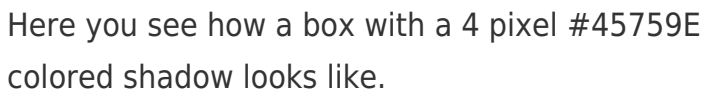
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45759E }
```

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

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

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



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

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

Background

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

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

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

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

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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