

Converting Colors

Hex(45639B)

Have a look what the booklet for
Hex(45639B) contains.

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Color

Hex(45639B)

Conversions

Conversions Part 1

Format	Color
Hex	45639B
RGB	69, 99, 155
RGB Percent	27%, 39%, 61%
CMY	0.7294, 0.6118, 0.3922
CMYK	0.55, 0.36, 0.00, 0.39
HSL	219°, 38%, 44%
HSV	219°, 55%, 61%
XYZ	12.8325, 12.5554, 32.7574
YIQ	96.4140, -35.8560, 11.0560

Conversions

Conversions Part 2

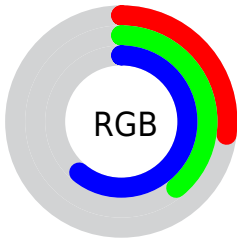
Format	Color
R_{YB}	69, 91, 155
Decimal	4547483
CIE _{Lab}	42.09, 6.13, -33.87
CIE _{LCh}	42, 34.416, 280.268
Yxy	12.5554, 0.2207, 0.2159
Android (android.graphics.Color)	4282737563 (0xFF45639B)
YUV	96.4140, 28.8829, -24.0421
Hunter-Lab	35.4337, 2.6357, -30.0084

Details

The Hex color **45639B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B7D45**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7B95D2**, and **013567** is the 20% darker color. If you saturate the color by 10%, you get **36599B**, and if you desaturate by 10%, it is **556D9B**.

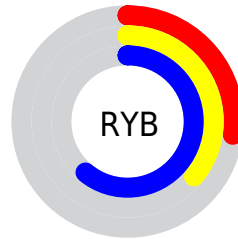
Distribution



Red (27%)

Green (39%)

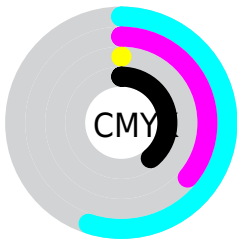
Blue (61%)



Red (27%)

Yellow (36%)

Blue (61%)

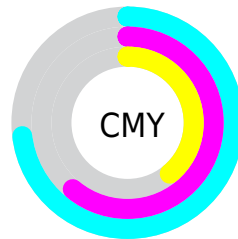


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (39%)



Cyan (73%)

Magenta (61%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45639B 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 45639B by changing the saturation by 10% instead.

■ 45639B

■ 45639B

FFFFFF

■ 294B81

■ 7B95D2

■ 013567

■ 96B0EE

■ 00204F

■ B2CBFF

■ 000838

■ CFE7FF

■ 000222

■ ECFFFF

■ 000007

■ 000000

■ 45639B

■ 45639B

■ 36599B

■ 556D9B

■ 264F9B

■ 64779B

■ 16459B

■ 73819B

■ 073B9B

■ 838B9B

■ 00369B

■ 93959B

■ A2A09B

■ B1AA9B

■ C1B49B

■ D1BE9B

Harmonies

Analogous

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



006B98



45639B



72588F

Triad

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



45639B



945140



21704F

Complementary

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



45639B



9B7D45

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.



4C6C36



45639B



845B2D

Square

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



45639B



994B5B



6B6529



00726C

Rectangle

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



45639B



865180



6B6529



326F46

Sweetspot

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



45639B



A7B3C9



459B7D



525966



E6E6E6



666666

Same Dimension

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



45639B



4272C9



52459B



45484D



00318C



00040D

Inverse Universe

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



9B4563



C94272



8E9B45



4D4548



8C0031



0D0004

Previews

White Background



This preview shows how the Hex color 45639B looks on a white background.

Color Contrast Check

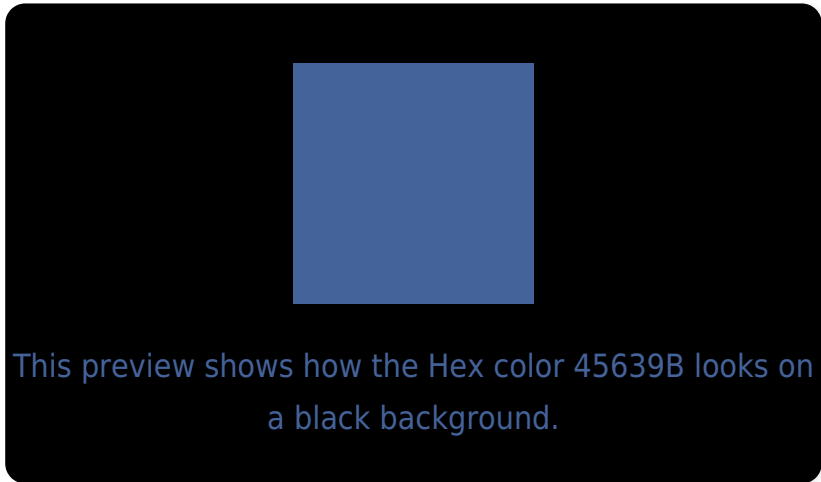
Large Text (above 18pt) WCAG AA ✓ Pass

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

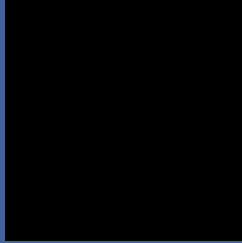
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

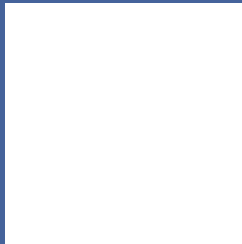
Any Text WCAG AAA × Fail

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

Hex 45639B Background



This preview shows how black text looks on a background with the Hex color 45639B.



This preview shows how white text looks on a background with the Hex color 45639B.

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



Original Color
45639B

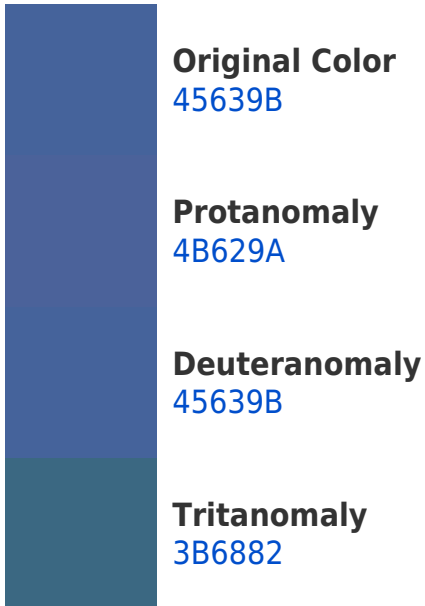
Protanopia
4F6199

Deuteranopia
45639B

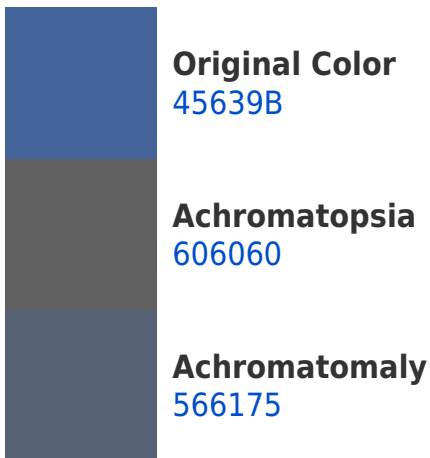


Tritanopia
366B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45639B 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 #45639B looks like.

```
.text, #text, p{  
    color:#45639B  
}
```

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 #45639B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45639B
}
```

Border

The CSS property to change the border of an element to Hex 45639B 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
#45639B }
```

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

```
.border{ border-color:#45639B }
```

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

Here you see how a box with a 4 pixel #45639B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45639B; -webkit-box-shadow:4px 4px  
4px 4px #45639B; box-shadow:4px 4px 4px  
4px #45639B }
```

Background

The CSS property to change the background color of an element to Hex 45639B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45639B }
```

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

```
.background{ background-color:#45639B }
```

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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