

Converting Colors

Hex(44639C)

Have a look what the booklet for
Hex(44639C) contains.

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Color

Hex(44639C)

Conversions

Conversions Part 1

Format	Color
Hex	44639C
RGB	68, 99, 156
RGB Percent	27%, 39%, 61%
CMY	0.7333, 0.6118, 0.3882
CMYK	0.56, 0.37, 0.00, 0.39
HSL	219°, 39%, 44%
HSV	219°, 56%, 61%
XYZ	12.8465, 12.5529, 33.1984
YIQ	96.2290, -36.7730, 11.1550

Conversions

Conversions Part 2

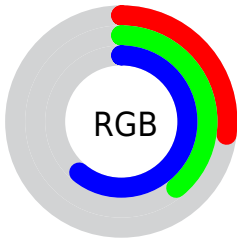
Format	Color
R _{YB}	68, 91, 156
Decimal	4481948
CIE _{Lab}	42.08, 6.24, -34.47
CIE _{LCh}	42, 35.032, 280.269
Yxy	12.5529, 0.2192, 0.2142
Android (android.graphics.Color)	4282672028 (0xFF44639C)
YUV	96.2290, 29.4671, -24.7568
Hunter-Lab	35.4301, 2.7190, -30.7542

Details

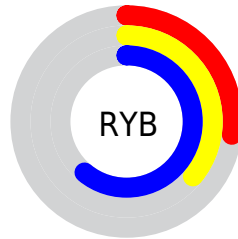
The Hex color **44639C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C7D44**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7A95D3**, and **003568** is the 20% darker color. If you saturate the color by 10%, you get **34599C**, and if you desaturate by 10%, it is **546D9C**.

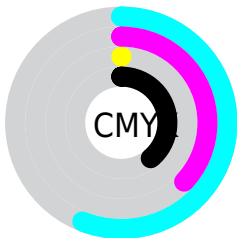
Distribution



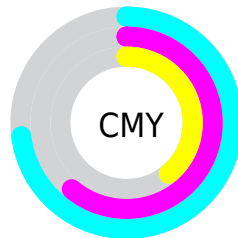
- Red (27%)
- Green (39%)
- Blue (61%)



- Red (27%)
- Yellow (36%)
- Blue (61%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (73%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44639C 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 44639C by changing the saturation by 10% instead.

■ 44639C

■ 44639C

FFFFFF

■ 274B82

■ 7A95D3

■ 003568

■ 96B0EF

■ 002050

■ B2CBFF

■ 000839

■ CEE7FF

■ 000222

■ EBFFFF

■ 000009

■ 000000

■ 44639C

■ 44639C

■ 34599C

■ 546D9C

■ 254F9C

■ 63779C

■ 15459C

■ 73819C

■ 063B9C

■ 828B9C

■ 00379C

■ 92969C

■ A2A09C

■ B1AA9C

■ C1B49C

■ D0BE9C

Harmonies

Analogous

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



006C99



44639C



725890

Triad

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



44639C



95513F



1F714F

Complementary

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



44639C



9C7D44

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.



4B6C36



44639C



845B2C

Square

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



44639C



994B5A



6B6528



00726D

Rectangle

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



44639C



875180



6B6528



316F46

Sweetspot

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



44639C



A9B6CC



449C7C



525966



E6E6E6



666666

Same Dimension

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



44639C



4172CC



50449C



474A4F



00328F



00050F

Inverse Universe

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



9C4463



CC4172



909C44



4F474A



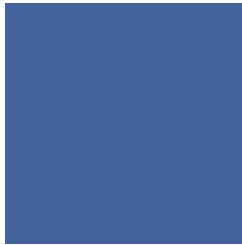
8F0032



0F0005

Previews

White Background



This preview shows how the Hex color 44639C looks on a white background.

Color Contrast Check

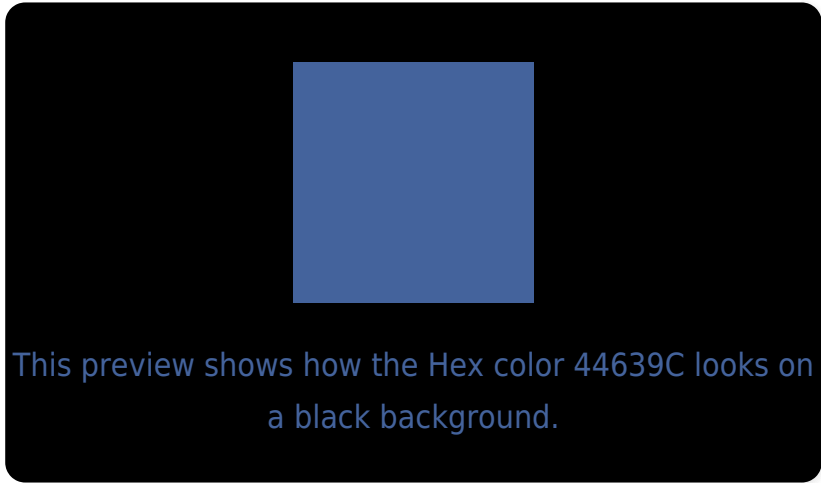
Large Text (above 18pt) WCAG AA ✓ Pass

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

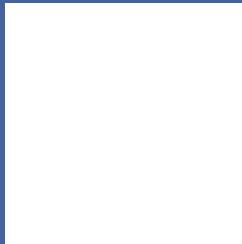
Any Text WCAG AAA × Fail

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

Hex 44639C Background



This preview shows how black text looks on a background with the Hex color 44639C.



This preview shows how white text looks on a background with the Hex color 44639C.

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
44639C

Protanopia
4E619A

Deuteranopia
44639C



Tritanopia
346B74

Trichromacy



Original Color
44639C

Protanomaly
4A629B

Deuteranomaly
44639C

Tritanomaly
3A6883

Monochromacy



Original Color
44639C

Achromatopsia
606060

Achromatomaly
566176

CSS Examples

Text

The CSS property to change the color of the text to Hex 44639C 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 #44639C looks like.

```
.text, #text, p{  
    color:#44639C  
}
```

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 #44639C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44639C
}
```

Border

The CSS property to change the border of an element to Hex 44639C is called "border". The border property can be set on classes, ids or directly on the HTML element.

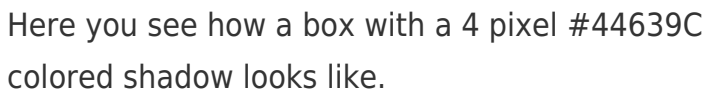
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44639C }
```

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

```
.border{ border-color:#44639C }
```

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



Here you see how a box with a 4 pixel #44639C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44639C; -webkit-box-shadow:4px 4px  
4px 4px #44639C; box-shadow:4px 4px 4px  
4px #44639C }
```

Background

The CSS property to change the background color of an element to Hex 44639C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44639C }
```

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

```
.background{ background-color:#44639C }
```

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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