

Converting Colors

Hex(52639B)

Have a look what the booklet for
Hex(52639B) contains.

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Color

Hex(52639B)

Conversions

Conversions Part 1

Format	Color
Hex	52639B
RGB	82, 99, 155
RGB Percent	32%, 39%, 61%
CMY	0.6784, 0.6118, 0.3922
CMYK	0.47, 0.36, 0.00, 0.39
HSL	226°, 31%, 46%
HSV	226°, 47%, 61%
XYZ	13.8579, 13.0841, 32.8054
YIQ	100.3010, -28.1080, 13.8120

Conversions

Conversions Part 2

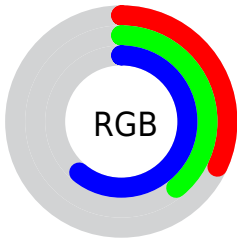
Format	Color
R_{YB}	82, 96, 155
Decimal	5399451
CIE _{Lab}	42.89, 9.33, -32.54
CIE _{LCh}	43, 33.855, 285.992
Yxy	13.0841, 0.2319, 0.2190
Android (android.graphics.Color)	4283589531 (0xFF52639B)
YUV	100.3010, 26.9666, -16.0500
Hunter-Lab	36.1719, 5.0847, -28.4516

Details

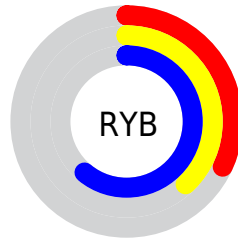
The Hex color **52639B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8A52**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8796D2**, and **1C3567** is the 20% darker color. If you saturate the color by 10%, you get **43579B**, and if you desaturate by 10%, it is **626F9B**.

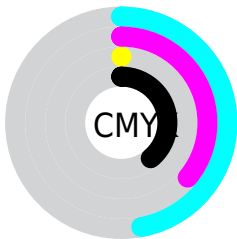
Distribution



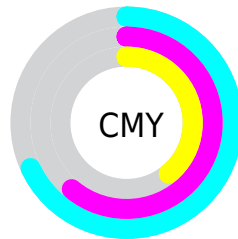
- Red (32%)
- Green (39%)
- Blue (61%)



- Red (32%)
- Yellow (38%)
- Blue (61%)



- Cyan (47%)
- Magenta (36%)
- Yellow (0%)
- Black (39%)



- Cyan (68%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52639B 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 52639B by changing the saturation by 10% instead.

■ 52639B

■ 52639B

FFFFFF

■ 384B81

■ 8796D2

■ 1C3567

■ A2B0EE

■ 00204F

■ BECCFF

■ 000838

■ DBE8FF

■ 000222

■ F8FFFF

■ 000007

■ 000000

■ 52639B

■ 52639B

■ 43579B

■ 626F9B

■ 334B9B

■ 717B9B

■ 233F9B

■ 81879B

■ 14339B

■ 90939B

■ 05289B

■ A09E9B

■ 00249B

■ AFAA9B

■ BEB69B

■ CEC29B

■ DECE9B

Harmonies

Analogous

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



006C9B



52639B



7B588C

Triad

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



52639B



93553E



197357

Complementary

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



52639B



9B8A52

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.



486F3D



52639B



815F2E

Square

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



52639B



9A4E57



67682D



007474

Rectangle

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



52639B



8C527D



67682D



2D724E

Sweetspot

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



52639B



ADB4C9



529B8A



555966



E6E6E6



666666

Same Dimension

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



52639B



5771C9



65529B



45474D



00218C



00030D

Inverse Universe

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



9B5263



C95771



889B52



4D4547



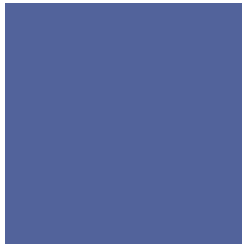
8C0021



0D0003

Previews

White Background



This preview shows how the Hex color 52639B looks on a white background.

Color Contrast Check

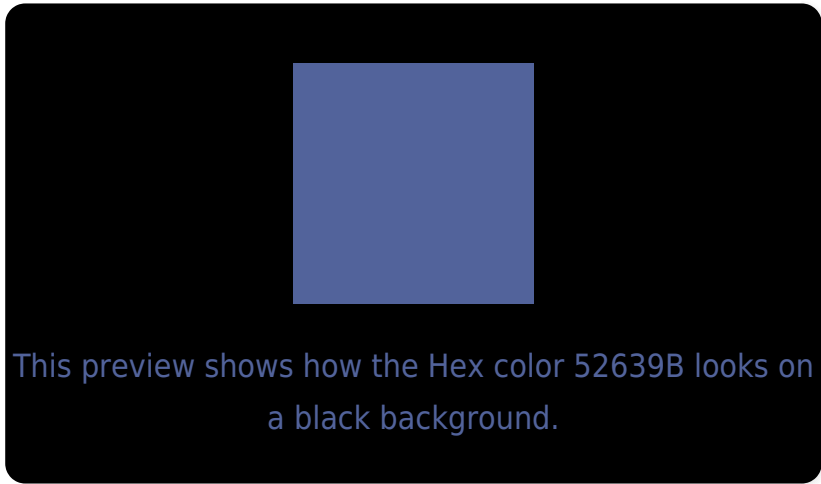
Large Text (above 18pt) WCAG AA ✓ Pass

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 52639B Background



This preview shows how black text looks on a background with the Hex color 52639B.



This preview shows how white text looks on a background with the Hex color 52639B.

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

52639B

Protanopia

51639B

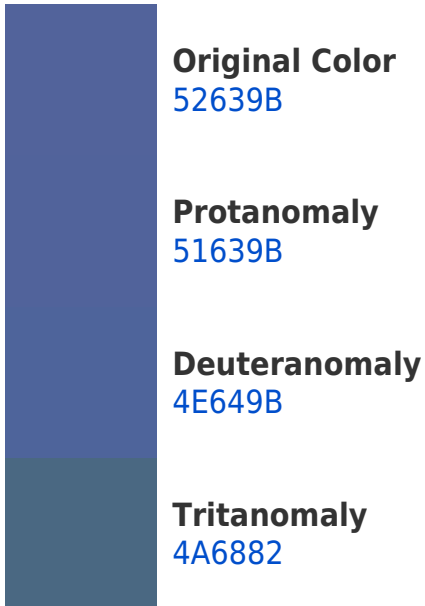
Deuteranopia

4B659B

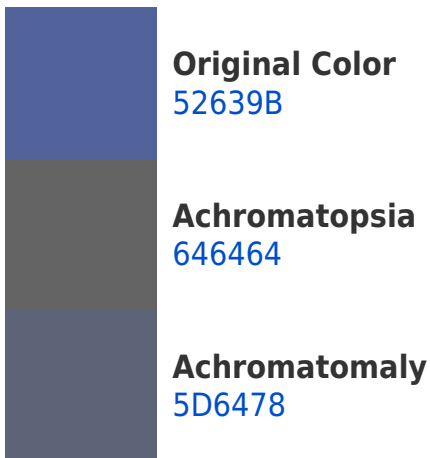


Tritanopia
466B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52639B 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 #52639B looks like.

```
.text, #text, p{  
    color:#52639B  
}
```

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 #52639B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52639B
}
```

Border

The CSS property to change the border of an element to Hex 52639B 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".

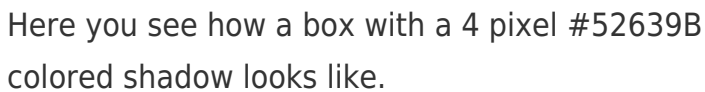
```
.border, #border, table{ border:4px solid
#52639B }
```

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

```
.border{ border-color:#52639B }
```

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

Here you see how a box with a 4 pixel #52639B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52639B; -webkit-box-shadow:4px 4px  
4px 4px #52639B; box-shadow:4px 4px 4px  
4px #52639B }
```

Background

The CSS property to change the background color of an element to Hex 52639B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52639B }
```

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

```
.background{ background-color:#52639B }
```

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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