

Converting Colors

Hex(38639E)

Have a look what the booklet for
Hex(38639E) contains.

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Color

Hex(38639E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 38639E |
| RGB | 56, 99, 158 |
| RGB Percent | 22%, 39%, 62% |
| CMY | 0.7804, 0.6118, 0.3804 |
| CMYK | 0.65, 0.37, 0.00, 0.38 |
| HSL | 215°, 48%, 42% |
| HSV | 215°, 65%, 62% |
| XYZ | 12.2643, 12.2331, 34.0626 |
| YIQ | 92.8690, -44.5670, 9.2330 |

Conversions

Conversions Part 2

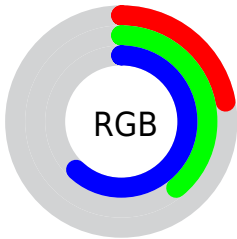
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 56, 86, 158 |
| Decimal | 3695518 |
| CIE _{Lab} | 41.58, 4.45, -36.49 |
| CIE _{LCh} | 42, 36.757, 276.959 |
| Yxy | 12.2331, 0.2094, 0.2089 |
| Android (android.graphics.Color) | 4281885598 (0xFF38639E) |
| YUV | 92.8690, 32.1096, -32.3341 |
| Hunter-Lab | 34.9758, 1.3835, -33.2589 |

Details

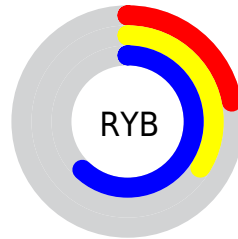
The Hex color **38639E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E7338**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7195D5**, and **00356A** is the 20% darker color. If you saturate the color by 10%, you get **285A9E**, and if you desaturate by 10%, it is **486C9E**.

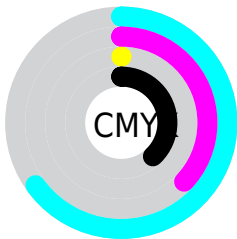
Distribution



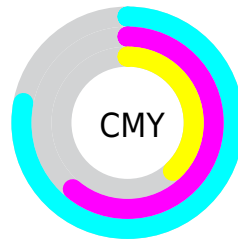
- Red (22%)
- Green (39%)
- Blue (62%)



- Red (22%)
- Yellow (34%)
- Blue (62%)



- Cyan (65%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (78%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38639E 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 38639E by changing the saturation by 10% instead.

■ 38639E

■ 38639E

FFFFFF

■ 154B84

■ 7195D5

■ 00356A

■ 8CB0F2

■ 002052

■ A9CBFF

■ 00083A

■ C5E7FF

■ 000224

■ E2FFFF

■ 00000B

■ 000000

■ 38639E

■ 38639E

■ 285A9E

■ 486C9E

■ 18519E

■ 58759E

■ 09489E

■ 677E9E

■ 00439E

■ 77889E

■ 87919E

■ 979A9E

■ A7A39E

■ B6AC9E

■ C6B59E

Harmonies

Analogous

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



006C99



38639E



6D5793

Triad

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



38639E



974D3F



1E6F49

Complementary

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



38639E



9E7338

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.



4D6B30



38639E



86582A

Square

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



38639E



9A485C



6D6323



007168

Rectangle

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



38639E



844F83



6D6323



326E40

Sweetspot

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



38639E



A7B8CF



389E72



515B69



E8E8E8



696969

Same Dimension

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



38639E



3073CF



3F389E



474A4F



003C8F



00060F

Inverse Universe

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



9E3863



CF3073



979E38



4F474A



8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 38639E looks on a white background.

Color Contrast Check

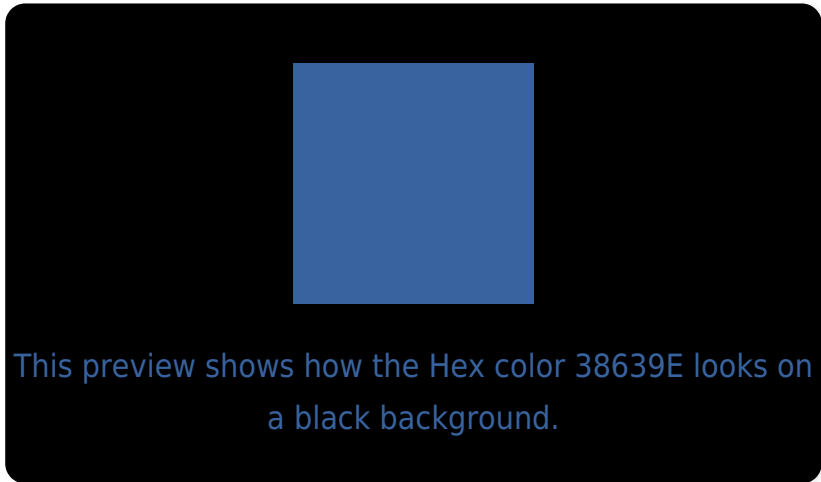
Large Text (above 18pt) WCAG AA ✓ Pass

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

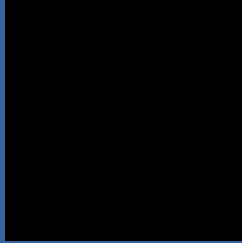
Any Text WCAG AA × Fail

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 38639E Background



This preview shows how black text looks on a background with the Hex color 38639E.




This preview shows how white text looks on a background with the Hex color 38639E.

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](#).

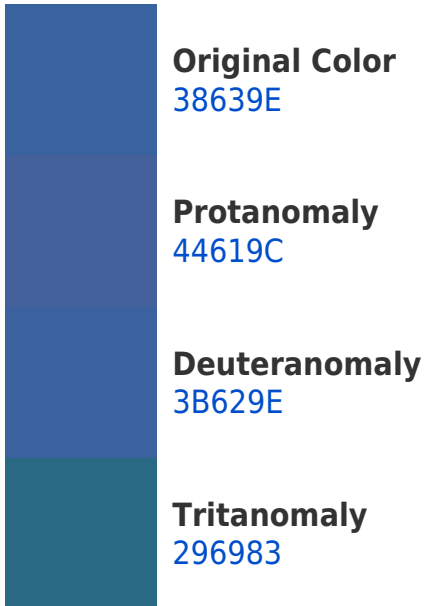
Dichromacy



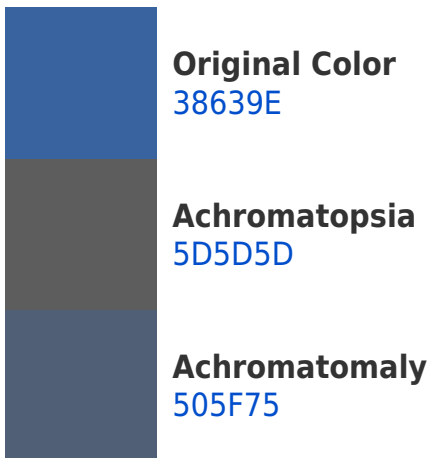


Tritanopia
206C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38639E 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 #38639E looks like.

```
.text, #text, p{  
    color:#38639E  
}
```

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 #38639E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38639E
}
```

Border

The CSS property to change the border of an element to Hex 38639E is called "border". The border property can be set on classes, ids or directly on the HTML element.

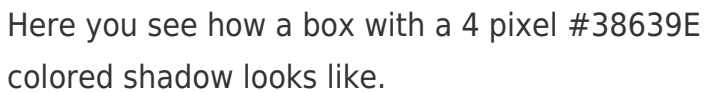
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38639E }
```

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

```
.border{ border-color:#38639E }
```

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



Here you see how a box with a 4 pixel #38639E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38639E; -webkit-box-shadow:4px 4px  
4px 4px #38639E; box-shadow:4px 4px 4px  
4px #38639E }
```

Background

The CSS property to change the background color of an element to Hex 38639E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38639E }
```

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

```
.background{ background-color:#38639E }
```

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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