

Converting Colors

Hex(39678E)

Have a look what the booklet for
Hex(39678E) contains.

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Color

Hex(39678E)

Conversions

Conversions Part 1

Format	Color
Hex	39678E
RGB	57, 103, 142
RGB Percent	22%, 40%, 56%
CMY	0.7765, 0.5961, 0.4431
CMYK	0.60, 0.27, 0.00, 0.44
HSL	208°, 43%, 39%
HSV	208°, 60%, 56%
XYZ	11.4201, 12.5233, 27.4065
YIQ	93.6920, -39.9350, 2.3770

Conversions

Conversions Part 2

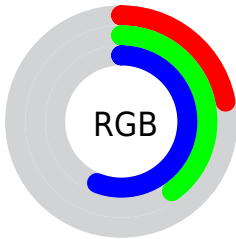
Format	Color
R_{YB}	57, 87, 142
Decimal	3762062
CIE _{Lab}	42.04, -3.43, -26.22
CIE _{LCh}	42, 26.439, 262.545
Yxy	12.5233, 0.2224, 0.2439
Android (android.graphics.Color)	4281952142 (0xFF39678E)
YUV	93.6920, 23.8158, -32.1789
Hunter-Lab	35.3883, -4.3263, -21.1454

Details

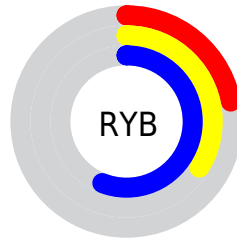
The Hex color **39678E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6039**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6F9AC4**, and **00385C** is the 20% darker color. If you saturate the color by 10%, you get **2B608E**, and if you desaturate by 10%, it is **476E8E**.

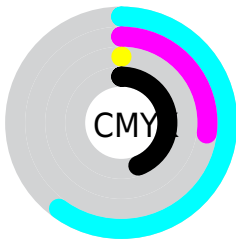
Distribution



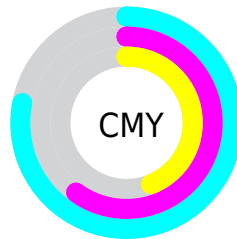
- Red (22%)
- Green (40%)
- Blue (56%)



- Red (22%)
- Yellow (34%)
- Blue (56%)



- Cyan (60%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39678E 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 39678E by changing the saturation by 10% instead.

■ 39678E

■ 39678E

FFFFFF

■ 1B4F74

■ 6F9AC4

■ 00385C

■ 8AB5E0

■ 002344

■ A6D0FD

■ 000D2D

■ C2ECFF

■ 000118

■ DFFFFF

■ 000000

■ FFFFFF

■ 39678E

■ 39678E

■ 2B608E

■ 476E8E

■ 1D5A8E

■ 55748E

■ 0E538E

■ 647B8E

■ 004D8E

■ 72818E

■ 80888E

■ 8E8E8E

■ 9C958E

■ AB9B8E

■ B9A28E

Harmonies

Analogous

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



0A6C85



39678E



5E608B

Triad

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



39678E



8D5354



476C48

Complementary

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



39678E



8E6039

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.



61673A



39678E



865841

Square

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



39678E



8A536A



766038



2A6E5D

Rectangle

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



39678E



715A83



766038



506A42

Sweetspot

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



39678E



97A8B8



398E5F



48535C



DBDBDB



5C5C5C

Same Dimension

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



39678E



337BB8



393D8E



404447



004987



000408

Inverse Universe

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



8E3967



B8337B



8E8A39



474044



870049



080004

Previews

White Background



This preview shows how the Hex color 39678E looks on a white background.

Color Contrast Check

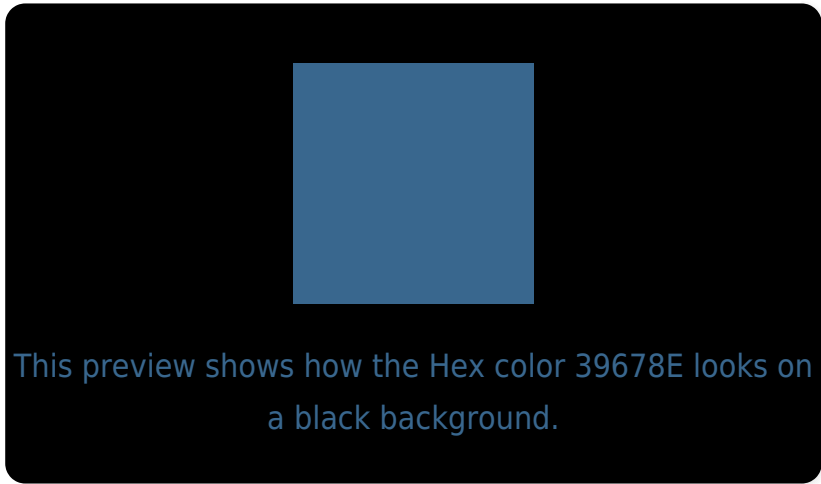
Large Text (above 18pt) WCAG AA ✓ Pass

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

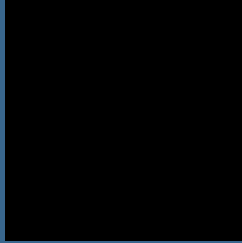
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

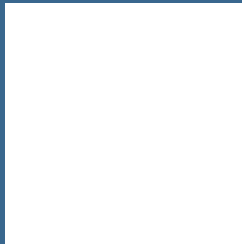
Any Text WCAG AAA × Fail

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

Hex 39678E Background



This preview shows how black text looks on a background with the Hex color 39678E.



This preview shows how white text looks on a background with the Hex color 39678E.

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](#).

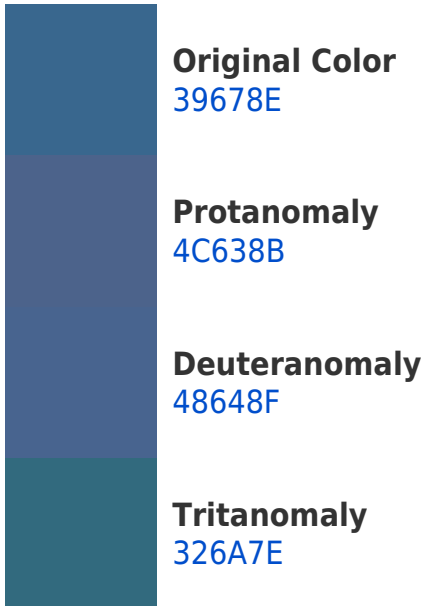
Dichromacy



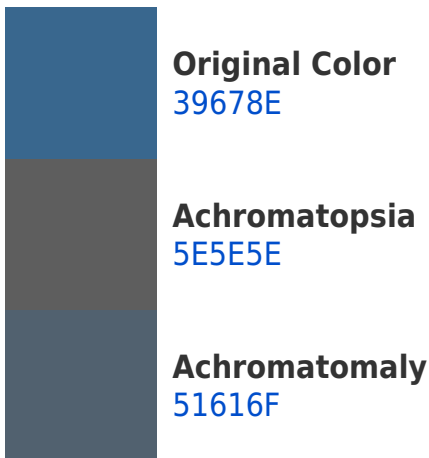


Tritanopia
2E6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39678E 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 #39678E looks like.

```
.text, #text, p{  
    color:#39678E  
}
```

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 #39678E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39678E
}
```

Border

The CSS property to change the border of an element to Hex 39678E is called "border". The border property can be set on classes, ids or directly on the HTML element.

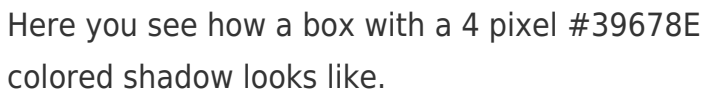
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39678E }
```

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

```
.border{ border-color:#39678E }
```

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



Here you see how a box with a 4 pixel #39678E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39678E; -webkit-box-shadow:4px 4px  
4px 4px #39678E; box-shadow:4px 4px 4px  
4px #39678E }
```

Background

The CSS property to change the background color of an element to Hex 39678E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39678E }
```

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

```
.background{ background-color:#39678E }
```

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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