

Converting Colors

Hex(39678B)

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

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Color

Hex(39678B)

Conversions

Conversions Part 1

Format	Color
Hex	39678B
RGB	57, 103, 139
RGB Percent	22%, 40%, 55%
CMY	0.7765, 0.5961, 0.4549
CMYK	0.59, 0.26, 0.00, 0.45
HSL	206°, 42%, 38%
HSV	206°, 59%, 55%
XYZ	11.1978, 12.4344, 26.2360
YIQ	93.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

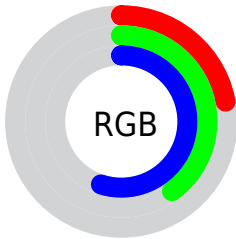
Format	Color
RYB	57, 86, 139
Decimal	3762059
CIELab	41.90, -4.45, -24.63
CIElCh	42, 25.028, 259.762
Yxy	12.4344, 0.2245, 0.2493
Android (android.graphics.Color)	4281952139 (0xFF39678B)
YUV	93.3500, 22.5055, -31.8789
Hunter-Lab	35.2625, -5.0257, -19.4292

Details

The Hex color **39678B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B5D39**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6F9AC1**, and **003859** is the 20% darker color. If you saturate the color by 10%, you get **2B618B**, and if you desaturate by 10%, it is **476D8B**.

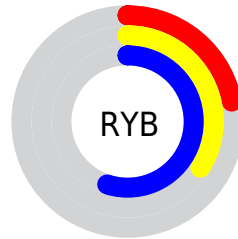
Distribution



Red (22%)

Green (40%)

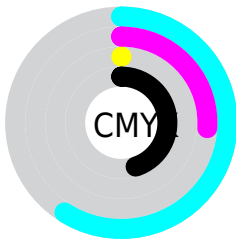
Blue (55%)



Red (22%)

Yellow (34%)

Blue (55%)

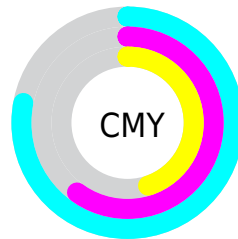


Cyan (59%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (78%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

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

■ 39678B

■ 39678B

FFFFFF

■ 1B4F71

■ 6F9AC1

■ 003859

■ 8AB5DD

■ 002341

■ A5D0F9

■ 000D2B

■ C2ECFF

■ 000116

■ DEFFFF

■ 000000

■ FCFFFF

■ 39678B

■ 39678B

■ 2B618B

■ 476D8B

■ 1D5B8B

■ 55738B

■ 0F558B

■ 63798B

■ 014F8B

■ 717F8B

■ 004E8B

■ 7E868B

■ 8C8C8B

■ 9A928B

■ A8988B

■ B69E8B

Harmonies

Analogous

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



166C82



39678B



5B6089

Triad

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



39678B



8B5356



4B6B48

Complementary

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



39678B



8B5D39

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.



63663B



39678B



855844

Square

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



39678B



86546B



775F3A



316D5B

Rectangle

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



39678B



6E5B83



775F3A



536943

Sweetspot

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



39678B



94A7B5



398B5D



48535C



DBDBDB



5C5C5C

Same Dimension

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



39678B



357DB5



393E8B



3E4245



004A85



000305

Inverse Universe

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



8B3967



B5357D



8B8639



453E42



85004A



050003

Previews

White Background



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

Color Contrast Check

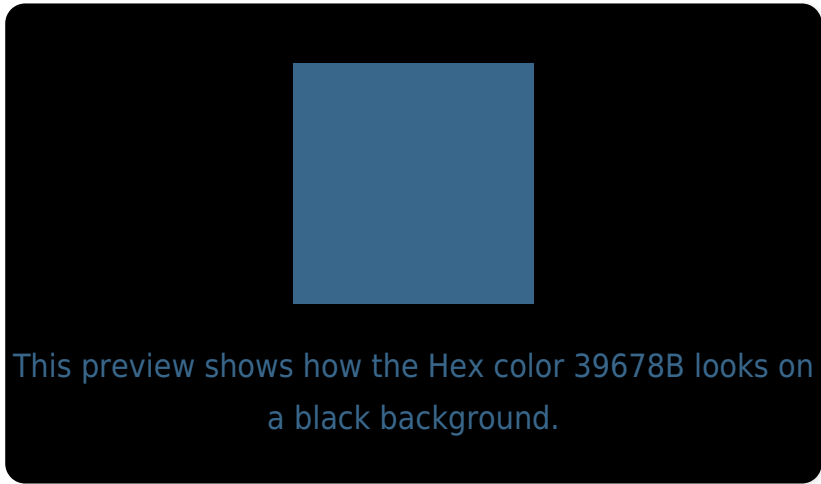
Large Text (above 18pt) WCAG AA ✓ Pass

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

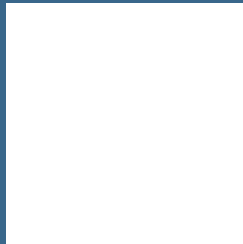
Any Text WCAG AAA × Fail

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

Hex 39678B Background



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



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

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](#).

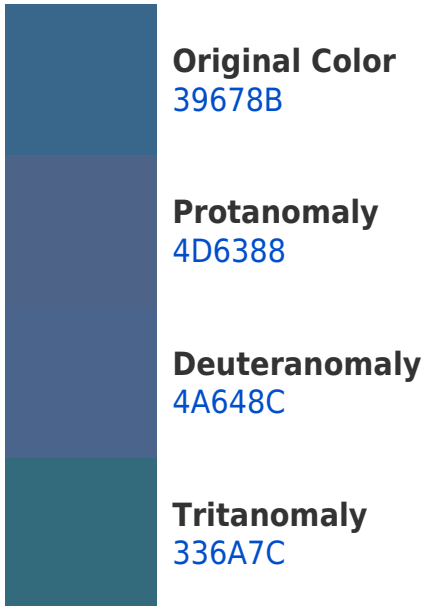
Dichromacy



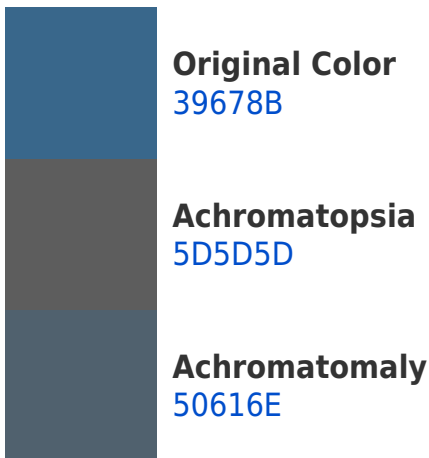


Tritanopia
2F6B74

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #39678B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 39678B 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
#39678B }
```

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

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

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

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

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

Background

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

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

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

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

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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