

Converting Colors

Hex(39628E)

Have a look what the booklet for
Hex(39628E) contains.

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Color

Hex(39628E)

Conversions

Conversions Part 1

Format	Color
Hex	39628E
RGB	57, 98, 142
RGB Percent	22%, 38%, 56%
CMY	0.7765, 0.6157, 0.4431
CMYK	0.60, 0.31, 0.00, 0.44
HSL	211°, 43%, 39%
HSV	211°, 60%, 56%
XYZ	10.9375, 11.5582, 27.2457
YIQ	90.7570, -38.5600, 4.9920

Conversions

Conversions Part 2

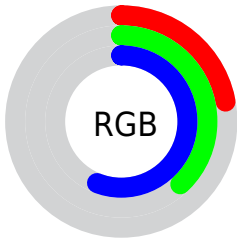
Format	Color
R_{YB}	57, 85, 142
Decimal	3760782
CIE _{Lab}	40.51, -0.36, -28.61
CIE _{LCh}	41, 28.610, 269.285
Yxy	11.5582, 0.2199, 0.2324
Android (android.graphics.Color)	4281950862 (0xFF39628E)
YUV	90.7570, 25.2628, -29.6049
Hunter-Lab	33.9974, -2.0690, -23.7172

Details

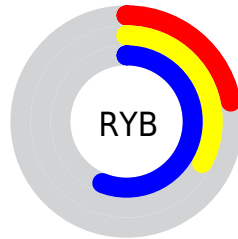
The Hex color **39628E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6539**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6F94C4**, and **00345B** is the 20% darker color. If you saturate the color by 10%, you get **2B5B8E**, and if you desaturate by 10%, it is **47698E**.

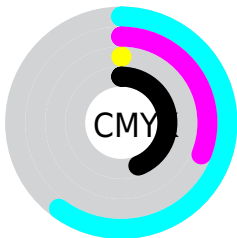
Distribution



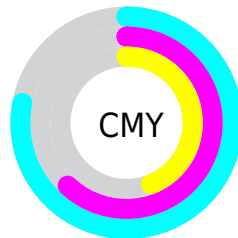
- Red (22%)
- Green (38%)
- Blue (56%)



- Red (22%)
- Yellow (33%)
- Blue (56%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39628E 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 39628E by changing the saturation by 10% instead.

■ 39628E

■ 39628E

FFFFFF

■ 1B4A74

■ 6F94C4

■ 00345B

■ 8AAFE0

■ 001F44

■ A6CAFD

■ 00052D

■ C2E6FF

■ 000118

■ DFFFFF

■ 000000

■ FCFFFF

■ 39628E

■ 39628E

■ 2B5B8E

■ 47698E

■ 1D538E

■ 55718E

■ 0E4C8E

■ 64788E

■ 00458E

■ 727F8E

■ 00448E

■ 80878E

■ 8E8E8E

■ 9C958E

■ AB9D8E

■ B9A48E

Harmonies

Analogous

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



006887



39628E



615A88

Triad

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



39628E



8B4F4A



3A6947

Complementary

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



39628E



8E6539

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.



576536



39628E



815638

Square

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



39628E



8A4D61



6F5E30



106C5E

Rectangle

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



39628E



74547E



6F5E30



446840

Sweetspot

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



39628E



97A6B8



398E65



48515C



DBDBDB



5C5C5C

Same Dimension

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



39628E



3373B8



3A398E



404447



004187



000408

Inverse Universe

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



8E3962



B83373



8D8E39



474044



870041



080004

Previews

White Background



This preview shows how the Hex color 39628E looks on a white background.

Color Contrast Check

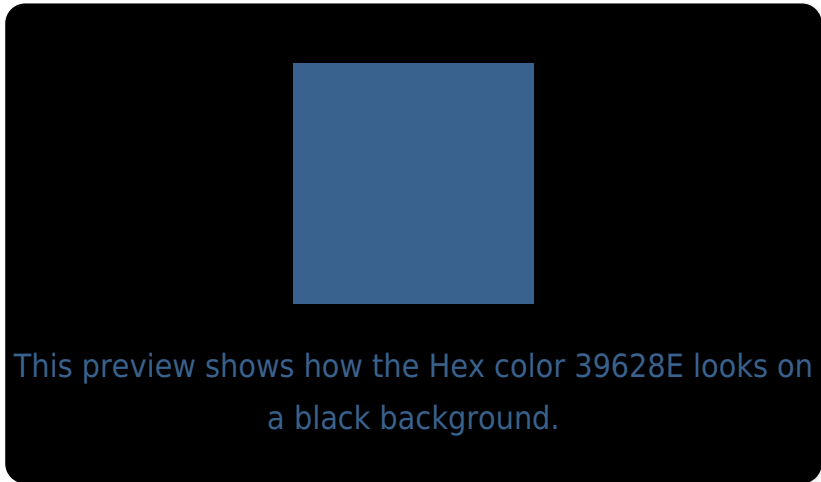
Large Text (above 18pt) WCAG AA ✓ Pass

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 39628E Background



This preview shows how black text looks on a background with the Hex color 39628E.



This preview shows how white text looks on a background with the Hex color 39628E.

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](#).

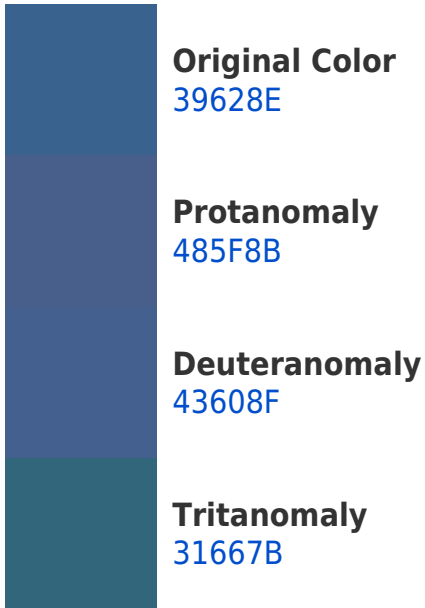
Dichromacy



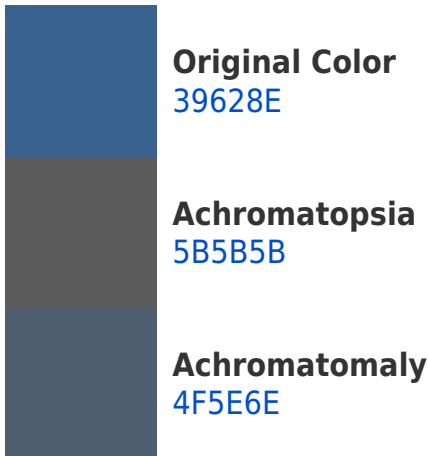


Tritanopia
2C6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39628E 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 #39628E looks like.

```
.text, #text, p{  
    color:#39628E  
}
```

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 #39628E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39628E
}
```

Border

The CSS property to change the border of an element to Hex 39628E 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
#39628E }
```

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

```
.border{ border-color:#39628E }
```

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

Here you see how a box with a 4 pixel #39628E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39628E; -webkit-box-shadow:4px 4px  
4px 4px #39628E; box-shadow:4px 4px 4px  
4px #39628E }
```

Background

The CSS property to change the background color of an element to Hex 39628E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39628E }
```

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

```
.background{ background-color:#39628E }
```

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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