

Converting Colors

Hex(33789E)

Have a look what the booklet for
Hex(33789E) contains.

Hex(33789E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33789E)

Conversions

Conversions Part 1

Format	Color
Hex	33789E
RGB	51, 120, 158
RGB Percent	20%, 47%, 62%
CMY	0.8000, 0.5294, 0.3804
CMYK	0.68, 0.24, 0.00, 0.38
HSL	201°, 51%, 41%
HSV	201°, 68%, 62%
XYZ	14.2533, 16.6054, 34.8017
YIQ	103.7010, -53.3220, -2.8100

Conversions

Conversions Part 2

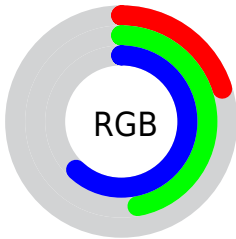
Format	Color
R_{YB}	51, 93, 158
Decimal	3373214
CIE _{Lab}	47.76, -9.18, -26.82
CIE _{LCh}	48, 28.344, 251.099
Yxy	16.6054, 0.2171, 0.2529
Android (android.graphics.Color)	4281563294 (0xFF33789E)
YUV	103.7010, 26.7694, -46.2188
Hunter-Lab	40.7497, -8.8769, -22.1110

Details

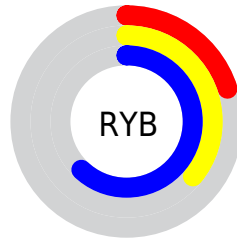
The Hex color **33789E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E5933**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6DACD5**, and **00486A** is the 20% darker color. If you saturate the color by 10%, you get **23729E**, and if you desaturate by 10%, it is **437E9E**.

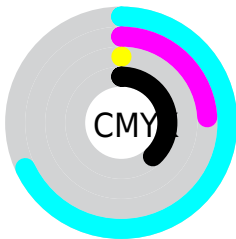
Distribution



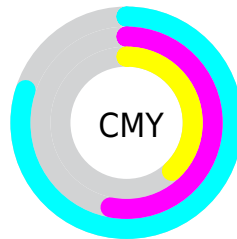
- Red (20%)
- Green (47%)
- Blue (62%)



- Red (20%)
- Yellow (36%)
- Blue (62%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (80%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33789E 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 33789E by changing the saturation by 10% instead.



33789E



33789E

FFFFFF



095F84



6DACD5



00486A



89C8F1



003152



A6E4FF



001D3B



C3FFFF



000225



E0FFFF



00010E

FDFFFF



000000



33789E



33789E



23729E



437E9E

■ 136D9E

■ 53839E

■ 04679E

■ 62899E

■ 00669E

■ 728E9E

■ 82949E

■ 929A9E

■ A29F9E

■ B1A59E

■ C1AB9E

Harmonies

Analogous

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



067D90



33789E



5D71A0

Triad

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



33789E



A05F69



5E794C

Complementary

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



33789E



9E5933

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.



787342



33789E



9C6353

Square

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



33789E



966181



8E6B44



407D61

Rectangle

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



33789E



756B9A



8E6B44



677748

Sweetspot

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



33789E



A5C0CF



339E58



4F6069



E8E8E8



696969

Same Dimension

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



33789E



2793CF



33439E



474C4F



005C8F



000A0F

Inverse Universe

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



9E3378



CF2793



9E8E33



4F474C



8F005C



0F000A

Previews

White Background



This preview shows how the Hex color 33789E looks on a white background.

Color Contrast Check

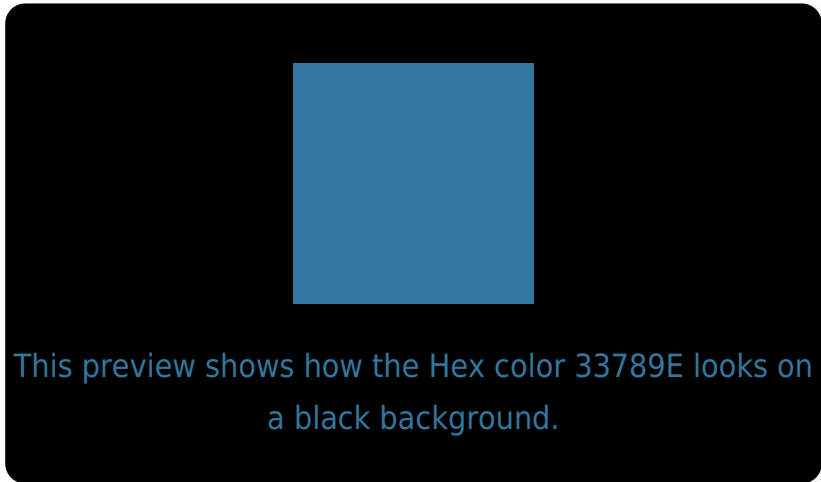
Large Text (above 18pt) WCAG AA ✓ Pass

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

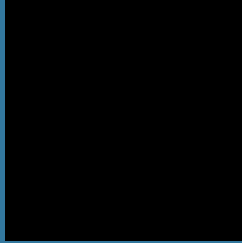
Any Text WCAG AA × Fail

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 33789E Background



This preview shows how black text looks on a background with the Hex color 33789E.




This preview shows how white text looks on a background with the Hex color 33789E.

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](#).

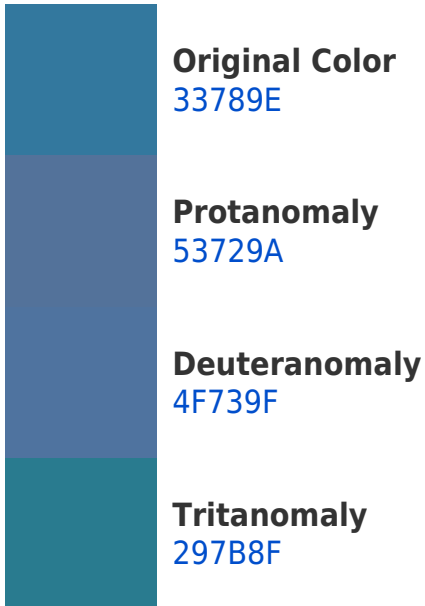
Dichromacy





Tritanopia
247C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33789E 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 #33789E looks like.

```
.text, #text, p{  
    color:#33789E  
}
```

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 #33789E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33789E
}
```

Border

The CSS property to change the border of an element to Hex 33789E 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
#33789E }
```

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

```
.border{ border-color:#33789E }
```

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

Here you see how a box with a 4 pixel #33789E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33789E; -webkit-box-shadow:4px 4px  
4px 4px #33789E; box-shadow:4px 4px 4px  
4px #33789E }
```

Background

The CSS property to change the background color of an element to Hex 33789E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33789E }
```

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

```
.background{ background-color:#33789E }
```

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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