

Converting Colors

Hex(338E8E)

Have a look what the booklet for
Hex(338E8E) contains.

Hex(338E8E)	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(338E8E)

Conversions

Conversions Part 1

Format	Color
Hex	338E8E
RGB	51, 142, 142
RGB Percent	20%, 56%, 56%
CMY	0.8000, 0.4431, 0.4431
CMYK	0.64, 0.00, 0.00, 0.44
HSL	180°, 47%, 38%
HSV	180°, 64%, 56%
XYZ	15.9207, 22.0028, 28.9990
YIQ	114.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

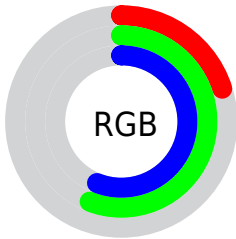
Format	Color
R_{YB}	51, 97, 142
Decimal	3378830
CIE _{Lab}	54.03, -26.23, -7.94
CIE _{LCh}	54, 27.407, 196.833
Yxy	22.0028, 0.2379, 0.3288
Android (android.graphics.Color)	4281568910 (0xFF338E8E)
YUV	114.7910, 13.4140, -55.9447
Hunter-Lab	46.9071, -21.5029, -3.8194

Details

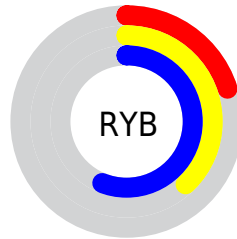
The Hex color **338E8E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E3333**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DC4C4**, and **005B5C** is the 20% darker color. If you saturate the color by 10%, you get **258E8E**, and if you desaturate by 10%, it is **418E8E**.

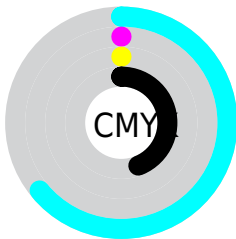
Distribution



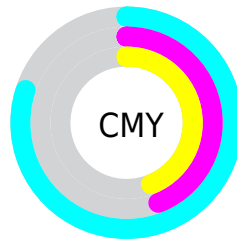
- Red (20%)
- Green (56%)
- Blue (56%)



- Red (20%)
- Yellow (38%)
- Blue (56%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338E8E 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 338E8E by changing the saturation by 10% instead.



338E8E



338E8E

FFFFFF



097474



6DC4C4



005B5C



89E0E0



004344



A6FDFC



002C2E



C3FFFF



00171A



E0FFFF



000000

FDFFFF



338E8E



338E8E



258E8E



418E8E

■ 178E8E

■ 4F8E8E

■ 088E8E

■ 5E8E8E

■ 008E8E

■ 6C8E8E

■ 7A8E8E

■ 888E8E

■ 968E8E

■ A58E8E

■ B38E8E

Harmonies

Analogous

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



4D8D76



338E8E



328CA3

Triad

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



338E8E



9576A2



9B7C53

Complementary

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



338E8E



8E3333

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.



AA7460



338E8E



A9708D

Square

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



338E8E



757FAE



B07075



848453

Rectangle

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



338E8E



4489AC



B07075



A17956

Sweetspot

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



338E8E



95B8B8



338E33



475C5C



DBDBDB



5C5C5C

Same Dimension

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



338E8E



2AB8B8



33618E



404747



008787



000808

Inverse Universe

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



8E338E



B82AB8



8E6133



474047



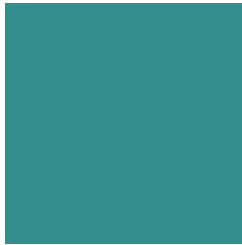
870087



080008

Previews

White Background



This preview shows how the Hex color 338E8E looks on a white background.

Color Contrast Check

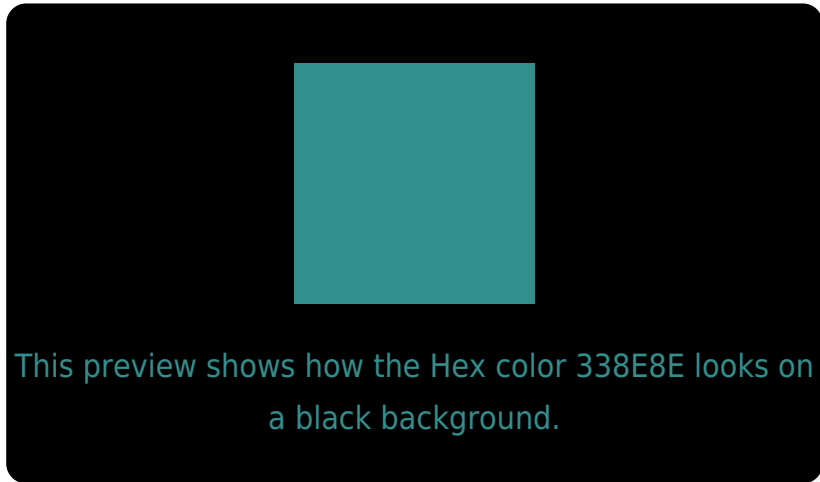
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

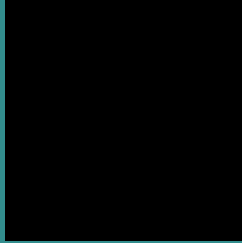
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 338E8E Background



This preview shows how black text looks on a background with the Hex color 338E8E.

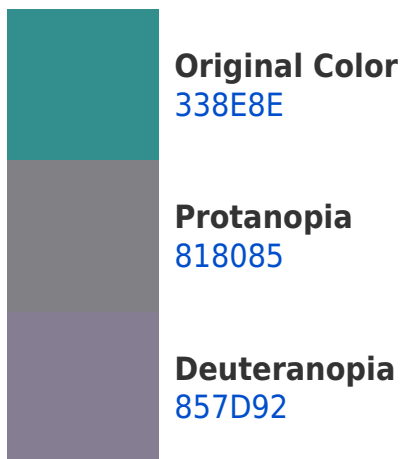


This preview shows how white text looks on a background with the Hex color 338E8E.

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
388C98

Trichromacy



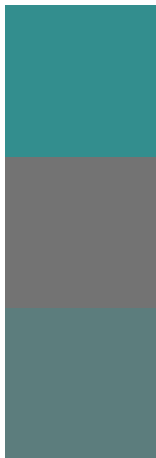
Original Color
338E8E

Protanomaly
658588

Deuteranomaly
678391

Tritanomaly
368D94

Monochromacy



Original Color
338E8E

Achromatopsia
737373

Achromatomaly
5C7D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 338E8E 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 #338E8E looks like.

```
.text, #text, p{  
    color:#338E8E  
}
```

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 #338E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338E8E
}
```

Border

The CSS property to change the border of an element to Hex 338E8E 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
#338E8E }
```

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

```
.border{ border-color:#338E8E }
```

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

Here you see how a box with a 4 pixel #338E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338E8E; -webkit-box-shadow:4px 4px  
4px 4px #338E8E; box-shadow:4px 4px 4px  
4px #338E8E }
```

Background

The CSS property to change the background color of an element to Hex 338E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338E8E }
```

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

```
.background{ background-color:#338E8E }
```

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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