

# Converting Colors

Hex(338A98)

Have a look what the booklet for  
Hex(338A98) contains.

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**Color**

**Hex(338A98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	338A98
RGB	51, 138, 152
RGB Percent	20%, 54%, 60%
CMY	0.8000, 0.4588, 0.4039
CMYK	0.66, 0.09, 0.00, 0.40
HSL	188°, 50%, 40%
HSV	188°, 66%, 60%
XYZ	16.1212, 21.1478, 32.9380
YIQ	113.5830, -56.3460, -14.0900

# Conversions

## Conversions Part 2

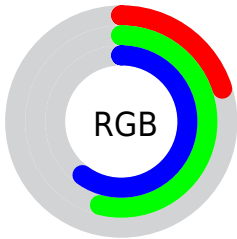
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 98, 152
Decimal	3377816
CIE Lab	53.11, -21.12, -15.10
CIE LCh	53, 25.963, 215.568
Yxy	21.1478, 0.2296, 0.3012
Android (android.graphics.Color)	4281567896 (0xFF338A98)
YUV	113.5830, 18.9396, -54.8853
Hunter-Lab	45.9867, -17.9013, -10.2758

# Details

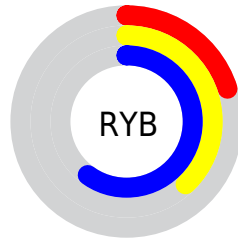
The Hex color **338A98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **984133**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6EC0CE**, and **005865** is the 20% darker color. If you saturate the color by 10%, you get **248898**, and if you desaturate by 10%, it is **428C98**.

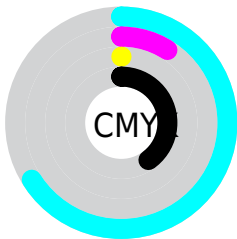
# Distribution



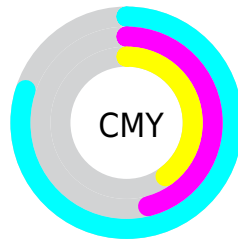
- Red (20%)
- Green (54%)
- Blue (60%)



- Red (20%)
- Yellow (38%)
- Blue (60%)



- Cyan (66%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (46%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 338A98 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 338A98 by changing the saturation by 10% instead.



■ 338A98

■ 338A98

FFFFFF

■ 07707E

■ 6EC0CE

■ 005865

■ 8ADCEA

■ 00404D

■ A7F8FF

■ 002A36

■ C3FFFF

■ 001421

■ E1FFFF

■ 000008

FEFFFF

■ 000000

■ 338A98

■ 338A98

■ 248898

■ 428C98

■ 158698

■ 518E98

■ 058498

■ 619098

■ 008398

■ 709298

■ 7F9598

■ 8E9798

■ 9D9998

■ AD9B98

■ BC9D98

# Harmonies

## Analogous

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



3E8B82



338A98



4686A7

# Triad

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



338A98



9F7192



8A7F52

# Complementary

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



338A98



984133

# 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.



9E7757



338A98



AA6E7B

# Square

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



338A98



8778A3



A97166



72855A

# Rectangle

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



338A98



5C82AB



A97166



917C52



# Sweetspot

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



338A98



9DBFC4



339840



4C6063



E3E3E3



636363



# Same Dimension

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



338A98



27AFC4



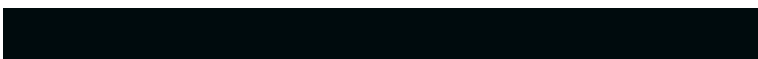
335898



454B4D



00798C



000B0D



# Inverse Universe

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



98338A



C427AF



987333



4D454B



8C0079



0D000B



# Previews

## White Background



This preview shows how the Hex color 338A98 looks on a white background.

## Color Contrast Check

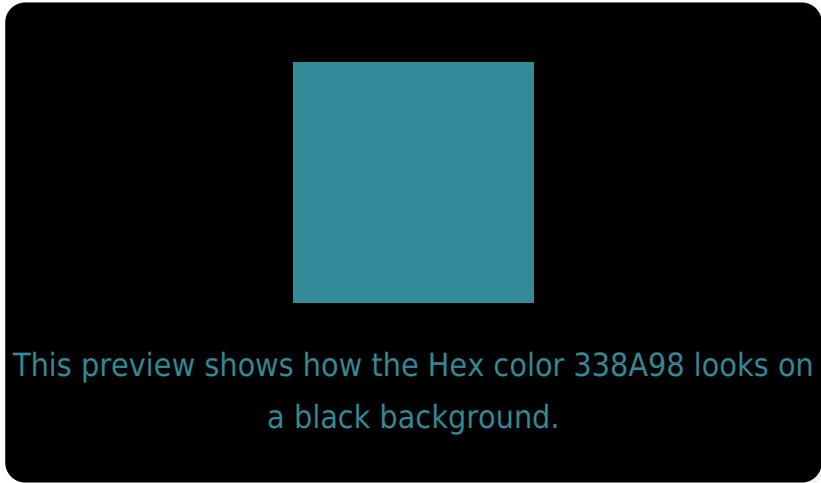
Large Text (above 18pt) WCAG AA ✓ Pass

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

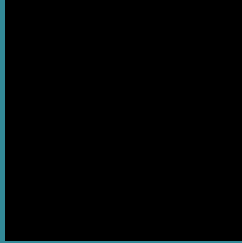
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 338A98 Background



This preview shows how black text looks on a background with the Hex color 338A98.

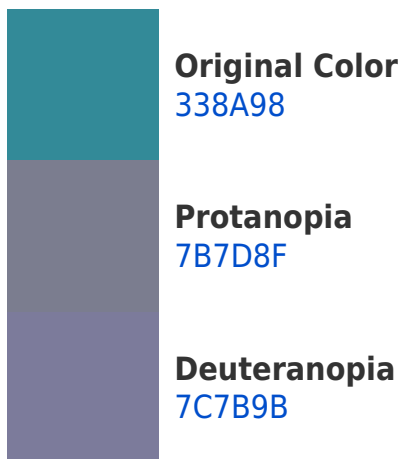


This preview shows how white text looks on a background with the Hex color 338A98.

# 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**  
328A96

# Trichromacy



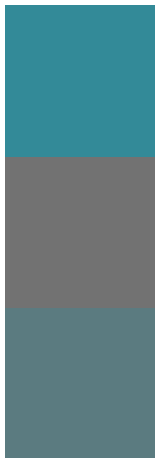
**Original Color**  
338A98

**Protanomaly**  
618292

**Deuteranomaly**  
61809A

**Tritanomaly**  
328A97

# Monochromacy



**Original Color**  
338A98

**Achromatopsia**  
727272

**Achromatomaly**  
5B7B80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 338A98 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 #338A98 looks like.

```
.text, #text, p{  
    color:#338A98  
}
```

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 #338A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338A98
}
```

## Border

The CSS property to change the border of an element to Hex 338A98 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
#338A98 }
```

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

```
.border{ border-color:#338A98 }
```

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

Here you see how a box with a 4 pixel #338A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338A98; -webkit-box-shadow:4px 4px  
4px 4px #338A98; box-shadow:4px 4px 4px  
4px #338A98 }
```

# Background

The CSS property to change the background color of an element to Hex 338A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338A98 }
```

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

```
.background{ background-color:#338A98 }
```

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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