

# Converting Colors

Hex(368980)

Have a look what the booklet for  
Hex(368980) contains.

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# Color

**Hex(368980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	368980
RGB	54, 137, 128
RGB Percent	21%, 54%, 50%
CMY	0.7882, 0.4627, 0.4980
CMYK	0.61, 0.00, 0.07, 0.46
HSL	173°, 43%, 37%
HSV	173°, 61%, 54%
XYZ	14.3633, 20.2341, 23.5706
YIQ	111.1570, -46.5790, -20.3950

# Conversions

## Conversions Part 2

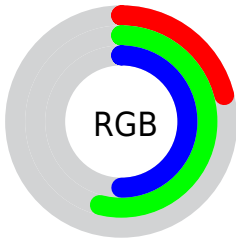
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 98, 137
Decimal	3574144
CIELab	52.10, -27.22, -2.67
CIELCh	52, 27.346, 185.609
Yxy	20.2341, 0.2469, 0.3479
Android (android.graphics.Color)	4281764224 (0xFF368980)
YUV	111.1570, 8.3036, -50.1267
Hunter-Lab	44.9823, -21.7224, 0.4198

# Details

The Hex color **368980** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89363F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6EBFB5**, and **00574F** is the 20% darker color. If you saturate the color by 10%, you get **28897F**, and if you desaturate by 10%, it is **448981**.

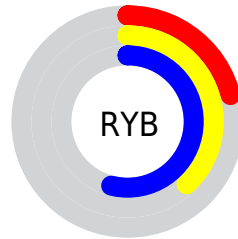
# Distribution



Red (21%)

Green (54%)

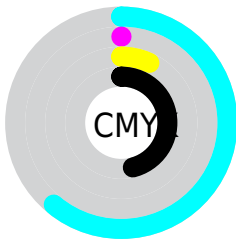
Blue (50%)



Red (21%)

Yellow (38%)

Blue (54%)

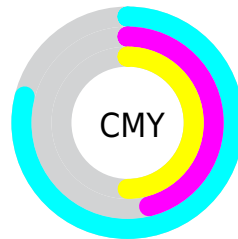


Cyan (61%)

Magenta (0%)

Yellow (7%)

Black (46%)



Cyan (79%)

Magenta (46%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 368980 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 368980 by changing the saturation by 10% instead.



 368980

 368980

FFFFFF

 146F67

 6EBFB5

 00574F

 89DBD0

 003F38

 A5F7EC

 002823

 C2FFFF

 000E0D

 DFFFFFF

 000000

 FCFFFF

 368980

 368980

 28897F

 448981

■ 1B897D

■ 518983

■ 0D897C

■ 5F8984

■ 00897A

■ 6D8986

■ 7B8987

■ 888989

■ 96898A

■ A4898C

■ B1898D

# Harmonies

## Analogous

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



538768



368980



278897

# Triad

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



368980



8575A2



9C7452

# Complementary

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



368980



89363F

# 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.



A86D62



368980



9E6D90

# Square

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



368980



637DAB



AA6A79



887C4D

# Rectangle

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



368980



3386A2



AA6A79



A17256



# Sweetspot

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



368980



92B3AF



408936



465957



D9D9D9



595959



# Same Dimension

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



368980



30B3A4



366989



3E4544



008576



000505



# Inverse Universe

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



89363F



B3303E



895636



453E3F



85000E

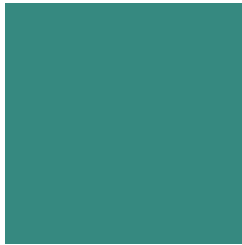


050001



# Previews

## White Background



This preview shows how the Hex color 368980 looks on a white background.

## Color Contrast Check

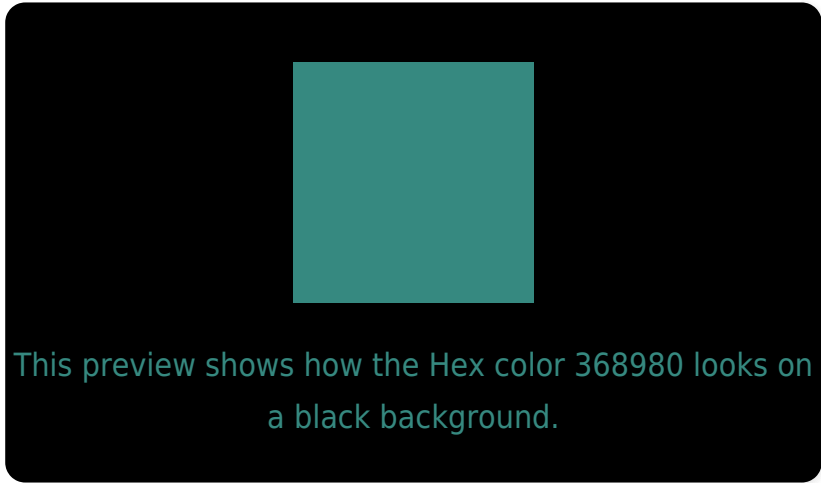
Large Text (above 18pt) WCAG AA ✓ Pass

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

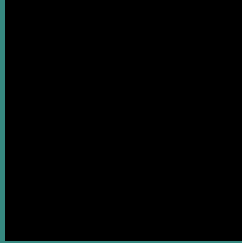
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 368980 Background



This preview shows how black text looks on a background with the Hex color 368980.

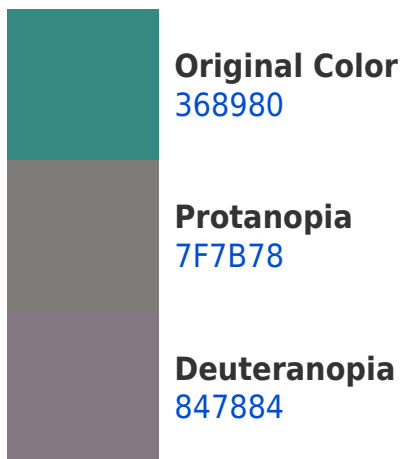



This preview shows how white text looks on a background with the Hex color 368980.

# 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**  
3D8691

# Trichromacy



**Original Color**  
368980

**Protanomaly**  
64807B

**Deuteranomaly**  
687E83

**Tritanomaly**  
3A878B

# Monochromacy



**Original Color**  
368980

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
5A7875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 368980 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 #368980 looks like.

```
.text, #text, p{  
    color:#368980  
}
```

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 #368980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368980
}
```

## Border

The CSS property to change the border of an element to Hex 368980 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
#368980 }
```

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

```
.border{ border-color:#368980 }
```

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

Here you see how a box with a 4 pixel #368980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368980; -webkit-box-shadow:4px 4px  
4px 4px #368980; box-shadow:4px 4px 4px  
4px #368980 }
```

# Background

The CSS property to change the background color of an element to Hex 368980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368980 }
```

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

```
.background{ background-color:#368980 }
```

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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