

Converting Colors

Hex(348079)

Have a look what the booklet for
Hex(348079) contains.

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Color

Hex(348079)

Conversions

Conversions Part 1

Format	Color
Hex	348079
RGB	52, 128, 121
RGB Percent	20%, 50%, 47%
CMY	0.7961, 0.4980, 0.5255
CMYK	0.59, 0.00, 0.05, 0.50
HSL	174°, 42%, 35%
HSV	174°, 59%, 50%
XYZ	12.5865, 17.5489, 20.8131
YIQ	104.4780, -43.0490, -18.2890

Conversions

Conversions Part 2

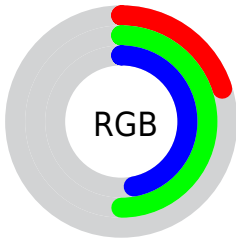
Format	Color
RYB	52, 92, 128
Decimal	3440761
CIELab	48.94, -25.08, -3.24
CIELCh	49, 25.286, 187.354
Yxy	17.5489, 0.2470, 0.3444
Android (android.graphics.Color)	4281630841 (0xFF348079)
YUV	104.4780, 8.1453, -46.0232
Hunter-Lab	41.8914, -19.6785, -0.1333

Details

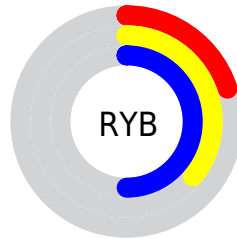
The Hex color **348079** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **80343B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6BB5AD**, and **004E49** is the 20% darker color. If you saturate the color by 10%, you get **278078**, and if you desaturate by 10%, it is **41807A**.

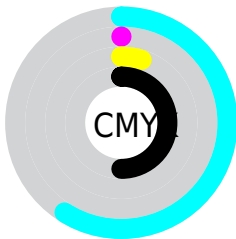
Distribution



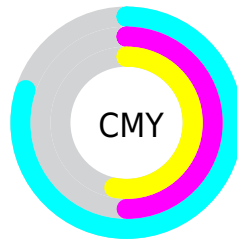
- Red (20%)
- Green (50%)
- Blue (47%)



- Red (20%)
- Yellow (36%)
- Blue (50%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (80%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 348079 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 348079 by changing the saturation by 10% instead.

 348079  348079


FFFFFF  146760

 6BB5AD  004E49

 86D1C9  003732

 A2EDE5  00221D

 BEFFFF  000003

 DBFFFF  000000

 F8FFFF

 348079  348079

 278078  41807A

■ 1A8077

■ 4E807B

■ 0E8075

■ 5A807D

■ 018074

■ 67807E

■ 008074

■ 74807F

■ 818080

■ 8E8081

■ 9A8082

■ A78084

Harmonies

Analogous

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



4D7F63



348079



297F8E

Triad

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



348079



7E6D96



916D4D

Complementary

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



348079



80343B

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.



9C675B



348079



946685

Square

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



348079



5F759E



9E6470



7E754A

Rectangle

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



348079



347D98



9E6470



966B51

Sweetspot

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



348079



88A6A3



3C8034



425452



D4D4D4



545454

Same Dimension

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



348079



30A69B



346280



39403F



008074



000000

Inverse Universe

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



80343B



A6303B



805234



40393A



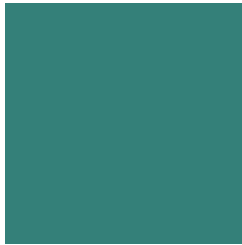
80000C



000000

Previews

White Background



This preview shows how the Hex color 348079 looks on a white background.

Color Contrast Check

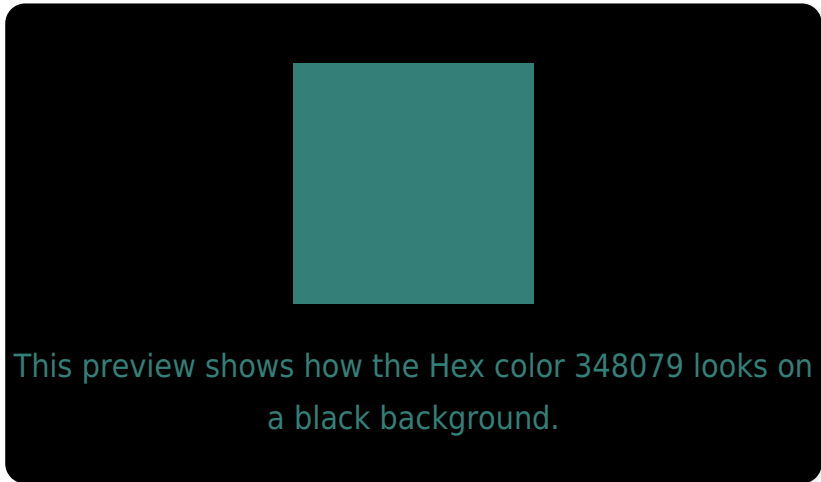
Large Text (above 18pt) WCAG AA ✓ Pass

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

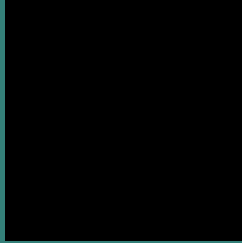
Any Text WCAG AA ✓ Pass

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 348079 Background



This preview shows how black text looks on a background with the Hex color 348079.

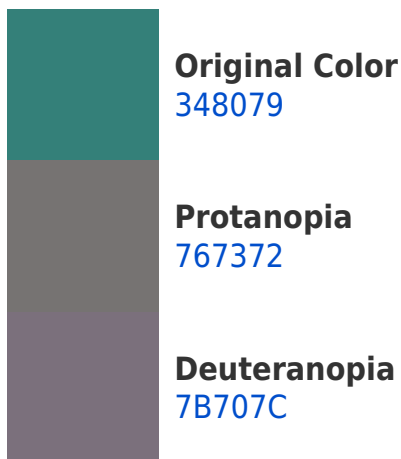


This preview shows how white text looks on a background with the Hex color 348079.

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
3A7E88

Trichromacy



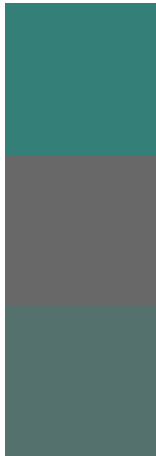
Original Color
348079

Protanomaly
5E7875

Deuteranomaly
61767B

Tritanomaly
387F83

Monochromacy



Original Color
348079

Achromatopsia
686868

Achromatomaly
55716E

CSS Examples

Text

The CSS property to change the color of the text to Hex 348079 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 #348079 looks like.

```
.text, #text, p{  
    color:#348079  
}
```

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 #348079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #348079
}
```

Border

The CSS property to change the border of an element to Hex 348079 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
#348079 }
```

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

```
.border{ border-color:#348079 }
```

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

Here you see how a box with a 4 pixel #348079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #348079; -webkit-box-shadow:4px 4px  
4px 4px #348079; box-shadow:4px 4px 4px  
4px #348079 }
```

Background

The CSS property to change the background color of an element to Hex 348079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#348079 }
```

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

```
.background{ background-color:#348079 }
```

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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