

Converting Colors

Hex(21969D)

Have a look what the booklet for
Hex(21969D) contains.

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Color

Hex(21969D)

Conversions

Conversions Part 1

Format	Color
Hex	21969D
RGB	33, 150, 157
RGB Percent	13%, 59%, 62%
CMY	0.8706, 0.4118, 0.3843
CMYK	0.79, 0.04, 0.00, 0.38
HSL	183°, 65%, 37%
HSV	183°, 79%, 62%
XYZ	17.6193, 24.5703, 35.7122
YIQ	115.8150, -71.9790, -22.6270

Conversions

Conversions Part 2

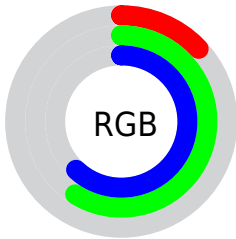
Format	Color
RYB	33, 93, 157
Decimal	2201245
CIELab	56.65, -28.07, -12.66
CIELCh	57, 30.795, 204.276
Yxy	24.5703, 0.2262, 0.3154
Android (android.graphics.Color)	4280391325 (0xFF21969D)
YUV	115.8150, 20.3042, -72.6288
Hunter-Lab	49.5685, -23.2962, -8.0182

Details

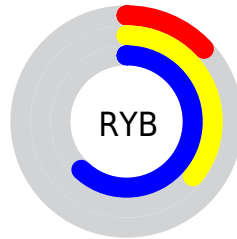
The Hex color **21969D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D2821**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65CDD4**, and **00636A** is the 20% darker color. If you saturate the color by 10%, you get **11959D**, and if you desaturate by 10%, it is **31979D**.

Distribution



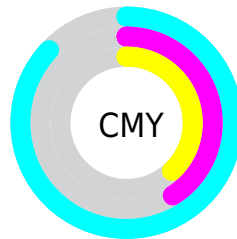
- Red (13%)
- Green (59%)
- Blue (62%)



- Red (13%)
- Yellow (36%)
- Blue (62%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21969D 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 21969D by changing the saturation by 10% instead.

■ 21969D

■ 21969D

FFFFFF

■ 007C83

■ 65CDD4

■ 00636A

■ 83E9F0

■ 004A52

■ A0FFFF

■ 00333B

■ BDFFFF

■ 002025

■ DBFFFF

■ 000110

■ F9FFFF

■ 000000

■ 21969D

■ 21969D

■ 11959D

■ 31979D

■ 02949D

■ 40989D

■ 00949D

■ 50999D

■ 609A9D

■ 709A9D

■ 7F9B9D

■ 8F9C9D

■ 9F9D9D

■ AE9E9D

Harmonies

Analogous

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



429682



21969D



2D93B3

Triad

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



21969D



A579A8



9E8552

Complementary

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



21969D



9D2821

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.



B37B5D



21969D



B8748E

Square

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



21969D



8483B9



BC7473



838D56

Rectangle

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



21969D



4A8FBB



BC7473



A68154

Sweetspot

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



21969D



9BC9CC



219D27



486466



E6E6E6



666666

Same Dimension

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



21969D



0AC1CC



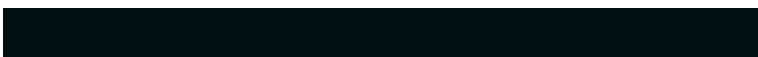
21599D



474F4F



00878F



000E0F

Inverse Universe

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



9D2196



CC0AC1



9D6521



4F474F



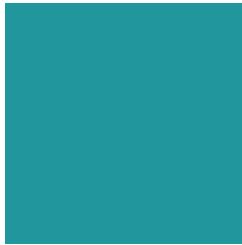
8F0087



0F000E

Previews

White Background



This preview shows how the Hex color 21969D looks on a white background.

Color Contrast Check

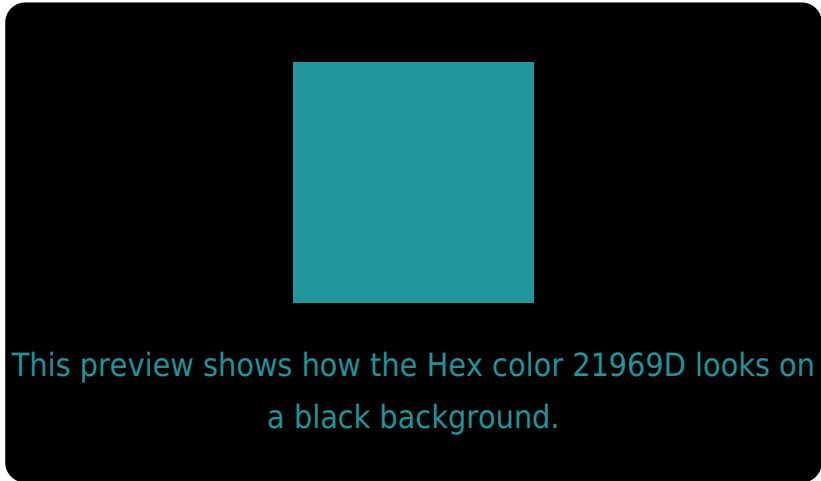
Large Text (above 18pt) WCAG AA ✓ Pass

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

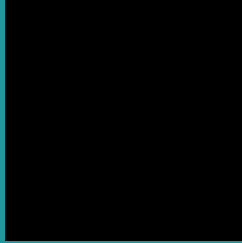
Any Text WCAG AA ✓ Pass

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 21969D Background



This preview shows how black text looks on a background with the Hex color 21969D.

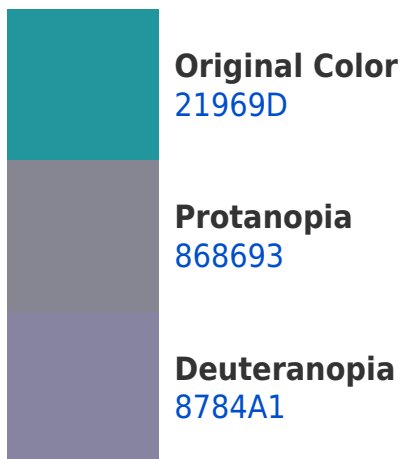


This preview shows how white text looks on a background with the Hex color 21969D.

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
2595A1

Trichromacy



Original Color
21969D



Protanomaly
618C97



Deuteranomaly
628BA0



Tritanomaly
2495A0

Monochromacy



Original Color
21969D



Achromatopsia
747474



Achromatomaly
568083

CSS Examples

Text

The CSS property to change the color of the text to Hex 21969D 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 #21969D looks like.

```
.text, #text, p{  
    color:#21969D  
}
```

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 #21969D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21969D
}
```

Border

The CSS property to change the border of an element to Hex 21969D 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
#21969D }
```

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

```
.border{ border-color:#21969D }
```

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

Here you see how a box with a 4 pixel #21969D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21969D; -webkit-box-shadow:4px 4px  
4px 4px #21969D; box-shadow:4px 4px 4px  
4px #21969D }
```

Background

The CSS property to change the background color of an element to Hex 21969D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21969D }
```

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

```
.background{ background-color:#21969D }
```

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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