

Converting Colors

Hex(7969A1)

Have a look what the booklet for
Hex(7969A1) contains.

Hex(7969A1)	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(7969A1)

Conversions

Conversions Part 1

Format	Color
Hex	7969A1
RGB	121, 105, 161
RGB Percent	47%, 41%, 63%
CMY	0.5255, 0.5882, 0.3686
CMYK	0.25, 0.35, 0.00, 0.37
HSL	257°, 23%, 52%
HSV	257°, 35%, 63%
XYZ	19.3698, 16.7413, 35.9287
YIQ	116.1680, -8.4400, 20.8080

Conversions

Conversions Part 2

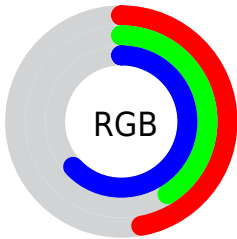
Format	Color
R_{YB}	121, 105, 161
Decimal	7956897
CIE _{Lab}	47.93, 18.67, -27.98
CIE _{LCh}	48, 33.633, 303.713
Yxy	16.7413, 0.2689, 0.2324
Android (android.graphics.Color)	4286146977 (0xFF7969A1)
YUV	116.1680, 22.1022, 4.2377
Hunter-Lab	40.9161, 12.8989, -23.4216

Details

The Hex color **7969A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91A169**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AE9CD8**, and **473A6D** is the 20% darker color. If you saturate the color by 10%, you get **6D59A1**, and if you desaturate by 10%, it is **8479A1**.

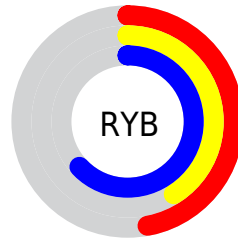
Distribution



Red (47%)

Green (41%)

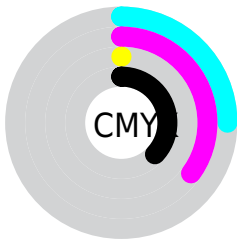
Blue (63%)



Red (47%)

Yellow (41%)

Blue (63%)

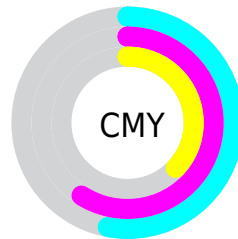


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (59%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7969A1 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 7969A1 by changing the saturation by 10% instead.

■ 7969A1

■ 7969A1

FFFFFF

■ 5F5187

■ AE9CD8

■ 473A6D

■ CAB7F5

■ 2F2455

■ E6D3FF

■ 17103D

■ FFEFFF

■ 000027

■ 000110

■ 000000

■ 7969A1

■ 7969A1

■ 6D59A1

■ 8479A1

6249A1

9089A1

5639A1

9B99A1

4B29A1

A7A9A1

3F19A1

B3BAA1

3408A1

BECAA1

2E00A1

CADAA1

D5EAA1

E1FAA1

Harmonies

Analogous

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



4A73AA



7969A1



985F8B

Triad

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



7969A1



97673F



008074

Complementary

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



7969A1



91A169

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.



3E7E58



7969A1



807138

Square

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



7969A1



A65E54



627941



008090

Rectangle

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



7969A1



A45B79



627941



1A806B

Sweetspot

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



7969A1



C2BCD1



6991A1



605C69



E8E8E8



696969

Same Dimension

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



7969A1



9279D1



9569A1



4C4952



2A0091



050012

Inverse Universe

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



A16991



D179B8



75A169



52494F



910068



12000D

Previews

White Background



This preview shows how the Hex color 7969A1 looks on a white background.

Color Contrast Check

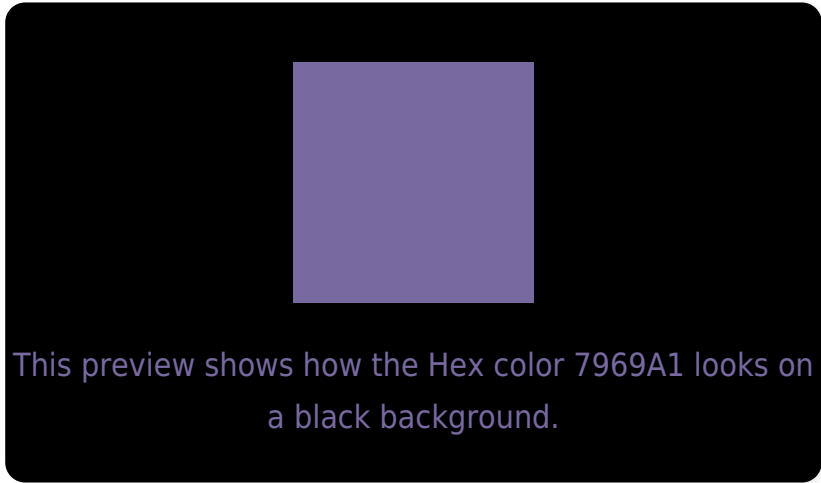
Large Text (above 18pt) WCAG AA ✓ Pass

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

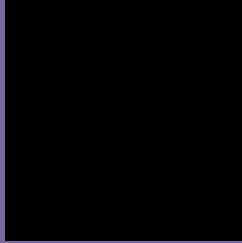
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7969A1 Background



This preview shows how black text looks on a background with the Hex color 7969A1.



This preview shows how white text looks on a background with the Hex color 7969A1.

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
72717A

Trichromacy



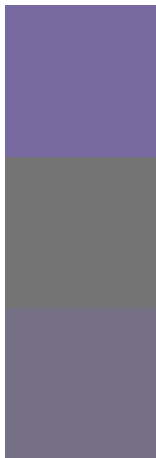
Original Color
7969A1

Protanomaly
696DA5

Deuteranomaly
6A6EA0

Tritanomaly
756E88

Monochromacy



Original Color
7969A1

Achromatopsia
747474

Achromatomaly
767084

CSS Examples

Text

The CSS property to change the color of the text to Hex 7969A1 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 #7969A1 looks like.

```
.text, #text, p{  
    color:#7969A1  
}
```

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 #7969A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7969A1
}
```

Border

The CSS property to change the border of an element to Hex 7969A1 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
#7969A1 }
```

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

```
.border{ border-color:#7969A1 }
```

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

Here you see how a box with a 4 pixel #7969A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7969A1; -webkit-box-shadow:4px 4px  
4px 4px #7969A1; box-shadow:4px 4px 4px  
4px #7969A1 }
```

Background

The CSS property to change the background color of an element to Hex 7969A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7969A1 }
```

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

```
.background{ background-color:#7969A1 }
```

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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