

Converting Colors

Hex(31699A)

Have a look what the booklet for
Hex(31699A) contains.

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Color

Hex(31699A)

Conversions

Conversions Part 1

Format	Color
Hex	31699A
RGB	49, 105, 154
RGB Percent	19%, 41%, 60%
CMY	0.8078, 0.5882, 0.3961
CMYK	0.68, 0.32, 0.00, 0.40
HSL	208°, 52%, 40%
HSV	208°, 68%, 60%
XYZ	12.1509, 13.0892, 32.4579
YIQ	93.8420, -49.1050, 3.3670

Conversions

Conversions Part 2

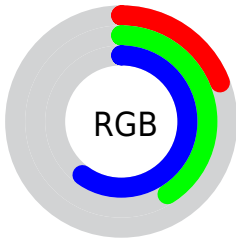
Format	Color
RYB	49, 86, 154
Decimal	3238298
CIELab	42.90, -1.99, -32.06
CIElCh	43, 32.118, 266.451
Yxy	13.0892, 0.2106, 0.2269
Android (android.graphics.Color)	4281428378 (0xFF31699A)
YUV	93.8420, 29.6579, -39.3264
Hunter-Lab	36.1790, -3.3630, -27.8665




Details

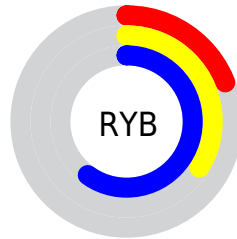
The Hex color **31699A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A6231**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **6B9CD1**, and **003A67** is the 20% darker color. If you saturate the color by 10%, you get **22629A**, and if you desaturate by 10%, it is **40709A**.

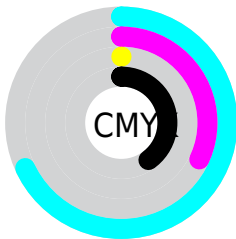
Distribution







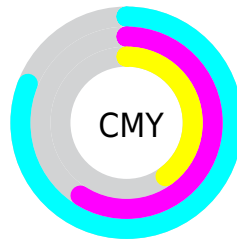
-  Red (19%)
-  Green (41%)
-  Blue (60%)






-  Red (19%)
-  Yellow (34%)
-  Blue (60%)



-  Cyan (68%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (81%)
-  Magenta (59%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31699A 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 31699A by changing the saturation by 10% instead.

■ 31699A ■ 31699A

FFFFFF ■ 075180

■ 6B9CD1 ■ 003A67

■ 87B7ED ■ 00254E

■ A3D2FF ■ 001037

■ BFEFFF ■ 000221

■ DCFFFF ■ 000006

■ FAFFFF ■ 000000

■ 31699A ■ 31699A

■ 22629A ■ 40709A

■ 125B9A

■ 50779A

■ 03539A

■ 5F7F9A

■ 00529A

■ 6F869A

■ 7E8D9A

■ 8D949A

■ 9D9B9A

■ ACA29A

■ BCAA9A

Harmonies

Analogous

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



006F91



31699A



636095

Triad

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



31699A



97514F



3E7047

Complementary

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



31699A



9A6231

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.



5E6B34



31699A



8C593A

Square

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



31699A



95506A



78632F



027361

Rectangle

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



31699A



7A598A



78632F



496F40

Sweetspot

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



31699A



A1B7C9



319A62



4E5B66



E6E6E6



666666

Same Dimension

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



31699A



247CC9



31349A



45494D



004B8C



00070D

Inverse Universe

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



9A3169



C9247C



9A9731



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 31699A looks on a white background.

Color Contrast Check

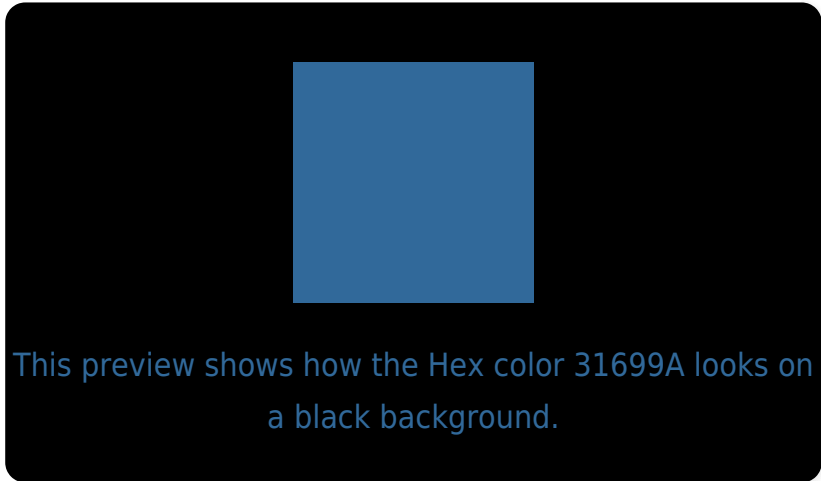
Large Text (above 18pt) WCAG AA ✓ Pass

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

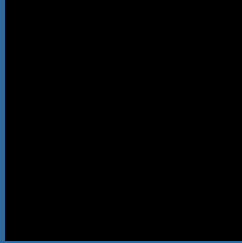
Any Text WCAG AA × Fail

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 31699A Background



This preview shows how black text looks on a background with the Hex color 31699A.




This preview shows how white text looks on a background with the Hex color 31699A.

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](#).

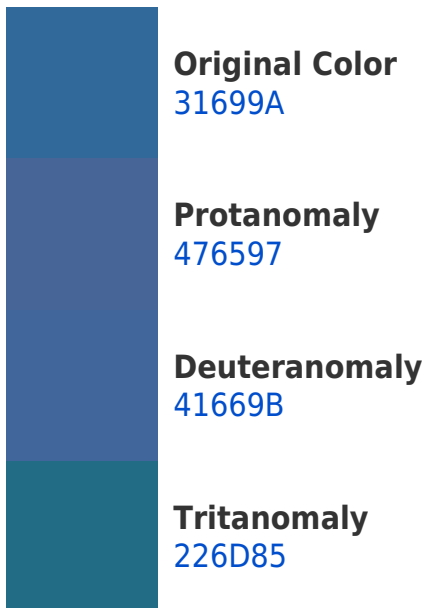
Dichromacy



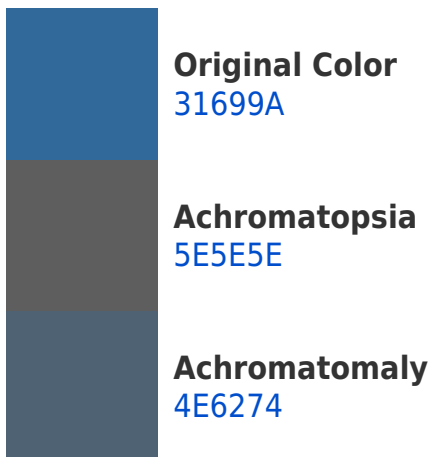


Tritanopia
1A7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31699A 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 #31699A looks like.

```
.text, #text, p{  
    color:#31699A  
}
```

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 #31699A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31699A
}
```

Border

The CSS property to change the border of an element to Hex 31699A 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
#31699A }
```

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

```
.border{ border-color:#31699A }
```

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

Here you see how a box with a 4 pixel #31699A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31699A; -webkit-box-shadow:4px 4px  
4px 4px #31699A; box-shadow:4px 4px 4px  
4px #31699A }
```

Background

The CSS property to change the background color of an element to Hex 31699A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31699A }
```

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

```
.background{ background-color:#31699A }
```

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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