

Converting Colors

Hex(31699B)

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

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Color

Hex(31699B)

Conversions

Conversions Part 1

Format	Color
Hex	31699B
RGB	49, 105, 155
RGB Percent	19%, 41%, 61%
CMY	0.8078, 0.5882, 0.3922
CMYK	0.68, 0.32, 0.00, 0.39
HSL	208°, 52%, 40%
HSV	208°, 68%, 61%
XYZ	12.2346, 13.1227, 32.8984
YIQ	93.9560, -49.4260, 3.6780

Conversions

Conversions Part 2

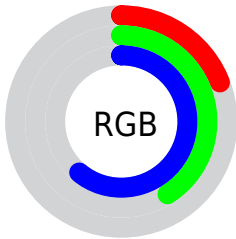
Format	Color
RYB	49, 86, 155
Decimal	3238299
CIELab	42.95, -1.63, -32.57
CIELCh	43, 32.612, 267.140
Yxy	13.1227, 0.2100, 0.2253
Android (android.graphics.Color)	4281428379 (0xFF31699B)
YUV	93.9560, 30.0947, -39.4264
Hunter-Lab	36.2252, -3.1082, -28.4874

Details

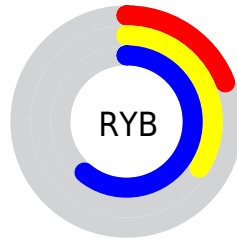
The Hex color **31699B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B6331**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6B9CD2**, and **003A67** is the 20% darker color. If you saturate the color by 10%, you get **21629B**, and if you desaturate by 10%, it is **41709B**.

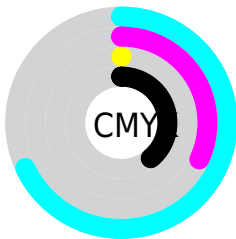
Distribution



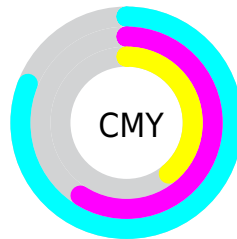
- Red (19%)
- Green (41%)
- Blue (61%)



- Red (19%)
- Yellow (34%)
- Blue (61%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



- Cyan (81%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients

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



31699B



31699B

FFFFFF



075181



6B9CD2



003A67



87B7EE



00254F



A3D2FF



001038



C0EFFF



000222



DDFFFF



000008



FAFFFF



000000



31699B



31699B



21629B



41709B

■ 125A9B

■ 50789B

■ 02539B

■ 5F7F9B

■ 00529B

■ 6F869B

■ 7E8E9B

■ 8E959B

■ 9D9C9B

■ ADA39B

■ BCAB9B

Harmonies

Analogous

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



007092



31699B



645F95

Triad

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



31699B



98514E



3C7147

Complementary

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



31699B



9B6331

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.



5D6B34



31699B



8D5939

Square

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



31699B



964F69



78632E



007362

Rectangle

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



31699B



7B588A



78632E



486F40

Sweetspot

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



31699B



9FB5C9



319B62



4D5A66



E6E6E6



666666

Same Dimension

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



31699B



247CC9



31359B



45494D



004A8C



00070D

Inverse Universe

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



9B3169



C9247C



9B9731



4D4549



8C004A



0D0007

Previews

White Background



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

Color Contrast Check

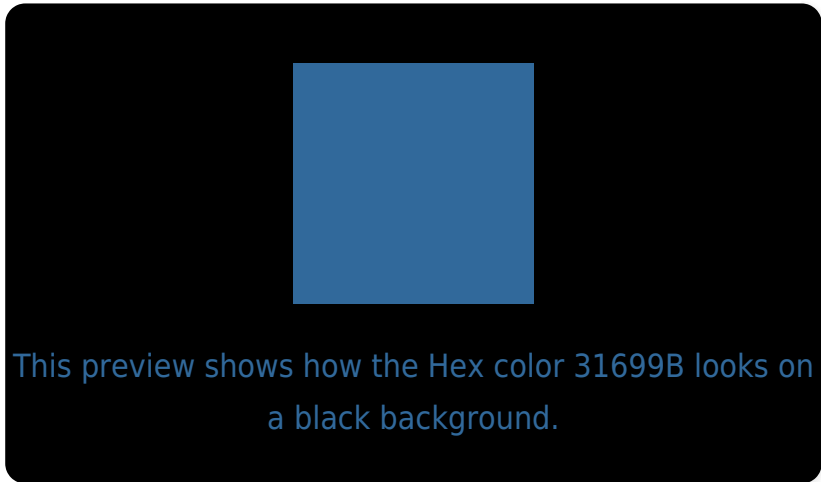
Large Text (above 18pt) WCAG AA ✓ Pass

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

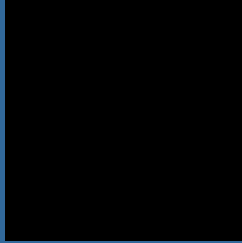
Any Text WCAG AA × Fail

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 31699B Background



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



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

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](#).

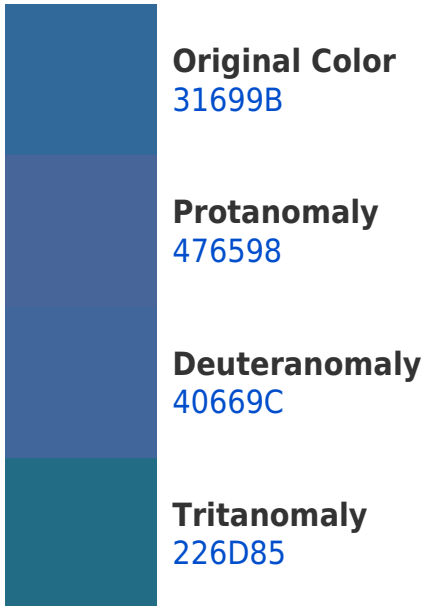
Dichromacy



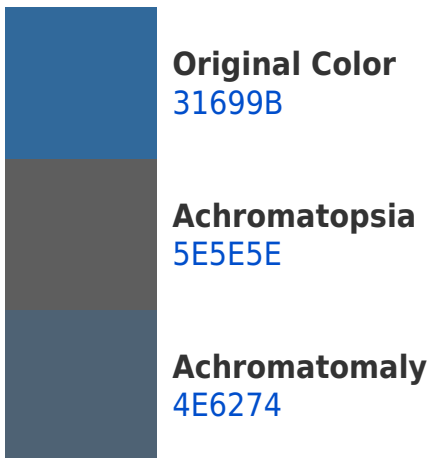


Tritanopia
197079

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #31699B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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