

Converting Colors

Hex(16619D)

Have a look what the booklet for
Hex(16619D) contains.

Hex(16619D)	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(16619D)

Conversions

Conversions Part 1

Format	Color
Hex	16619D
RGB	22, 97, 157
RGB Percent	9%, 38%, 62%
CMY	0.9137, 0.6196, 0.3843
CMYK	0.86, 0.38, 0.00, 0.38
HSL	207°, 75%, 35%
HSV	207°, 86%, 62%
XYZ	10.6914, 11.1543, 33.4878
YIQ	81.4150, -63.9600, 2.7600

Conversions

Conversions Part 2

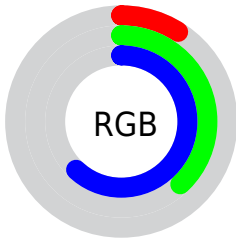
Format	Color
R_{YB}	22, 70, 157
Decimal	1466781
CIE _{Lab}	39.84, 0.68, -38.73
CIE _{LCh}	40, 38.733, 271.000
Yxy	11.1543, 0.1932, 0.2016
Android (android.graphics.Color)	4279656861 (0xFF16619D)
YUV	81.4150, 37.2634, -52.1070
Hunter-Lab	33.3980, -1.3051, -36.0707

Details

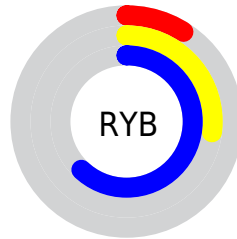
The Hex color **16619D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D5216**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5C93D4**, and **003369** is the 20% darker color. If you saturate the color by 10%, you get **065A9D**, and if you desaturate by 10%, it is **26689D**.

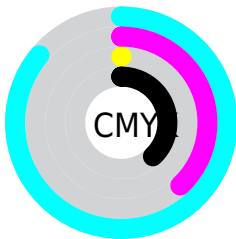
Distribution



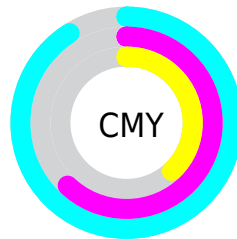
- Red (9%)
- Green (38%)
- Blue (62%)



- Red (9%)
- Yellow (27%)
- Blue (62%)



- Cyan (86%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16619D 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 16619D by changing the saturation by 10% instead.

■ 16619D

■ 16619D

FFFFFF

■ 004A83

■ 5C93D4

■ 003369

■ 79AEF1

■ 001F51

■ 96C9FF

■ 000539

■ B2E5FF

■ 000223

■ D0FFFF

■ 00000A

■ EDFFFF

■ 000000

■ 16619D

■ 16619D

■ 065A9D

■ 26689D

00579D

356F9D

45769D

557D9D

65849D

748B9D

84929D

94999D

A3A09D

Harmonies

Analogous

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



006995



16619D



605594

Triad

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



16619D



96463F



216B3E

Complementary

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



16619D



9D5216

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.



4E6524



16619D



875126

Square

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



16619D



96415E



6E5D1A



006D5E

Rectangle

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



16619D



7B4C86



6E5D1A



336934

Sweetspot

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



16619D



97B4CC



169D51



465866



E6E6E6



666666

Same Dimension

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



16619D



0071CC



161F9D



474C4F



004F8F



00080F

Inverse Universe

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



9D1661



CC0071



9D9416



4F474C



8F004F



0F0008

Previews

White Background



This preview shows how the Hex color 16619D looks on a white background.

Color Contrast Check

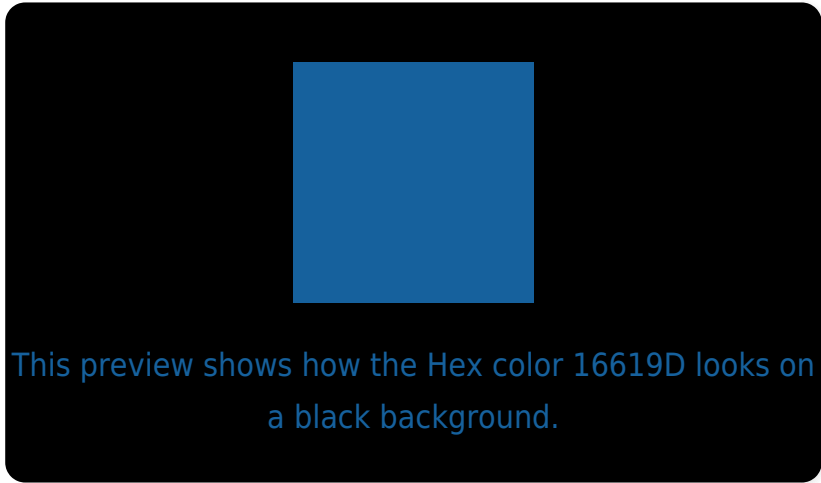
Large Text (above 18pt) WCAG AA ✓ Pass

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 16619D Background



This preview shows how black text looks on a background with the Hex color 16619D.

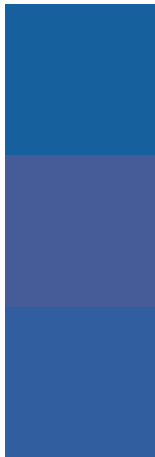


This preview shows how white text looks on a background with the Hex color 16619D.

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

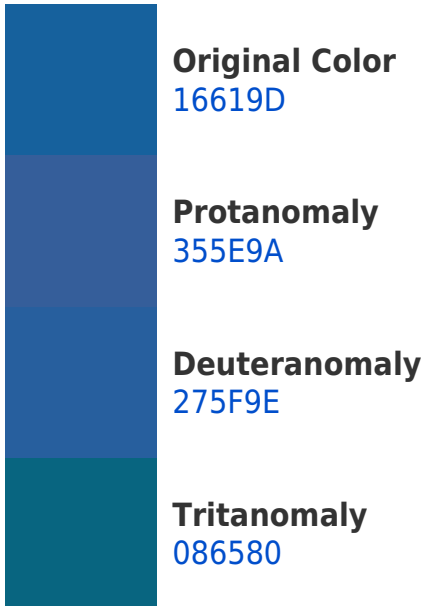


Original Color
16619D

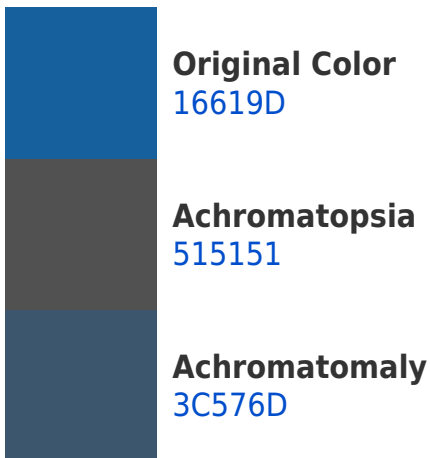
Protanopia
465C98

Deuteranopia
315E9E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16619D 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 #16619D looks like.

```
.text, #text, p{  
    color:#16619D  
}
```

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 #16619D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16619D
}
```

Border

The CSS property to change the border of an element to Hex 16619D 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
#16619D }
```

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

```
.border{ border-color:#16619D }
```

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

Here you see how a box with a 4 pixel #16619D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16619D; -webkit-box-shadow:4px 4px  
4px 4px #16619D; box-shadow:4px 4px 4px  
4px #16619D }
```

Background

The CSS property to change the background color of an element to Hex 16619D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16619D }
```

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

```
.background{ background-color:#16619D }
```

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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