

Converting Colors

Hex(61619E)

Have a look what the booklet for
Hex(61619E) contains.

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Color

Hex(61619E)

Conversions

Conversions Part 1

Format	Color
Hex	61619E
RGB	97, 97, 158
RGB Percent	38%, 38%, 62%
CMY	0.6196, 0.6196, 0.3804
CMYK	0.39, 0.39, 0.00, 0.38
HSL	240°, 24%, 50%
HSV	240°, 39%, 62%
XYZ	15.3760, 13.5594, 34.1546
YIQ	103.9540, -19.5810, 18.9710

Conversions

Conversions Part 2

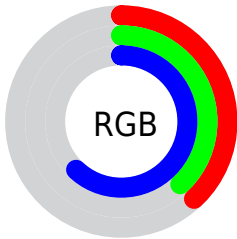
Format	Color
R_{YB}	97, 97, 158
Decimal	6381982
CIE _{Lab}	43.59, 15.57, -33.14
CIE _{LCh}	44, 36.617, 295.161
Yxy	13.5594, 0.2437, 0.2149
Android (android.graphics.Color)	4284572062 (0xFF61619E)
YUV	103.9540, 26.6447, -6.0987
Hunter-Lab	36.8231, 10.0949, -29.2172

Details

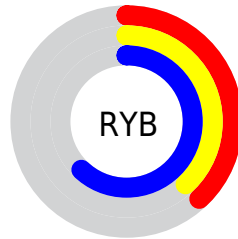
The Hex color **61619E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E9E61**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9694D5**, and **2E336A** is the 20% darker color. If you saturate the color by 10%, you get **51519E**, and if you desaturate by 10%, it is **71719E**.

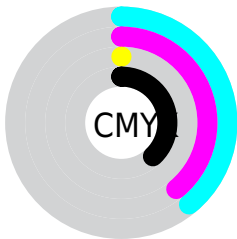
Distribution



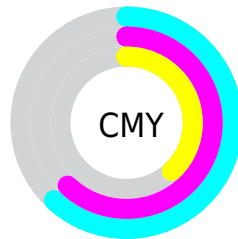
- Red (38%)
- Green (38%)
- Blue (62%)



- Red (38%)
- Yellow (38%)
- Blue (62%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 61619E 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 61619E by changing the saturation by 10% instead.

■ 61619E

■ 61619E

FFFFFF

■ 474984

■ 9694D5

■ 2E336A

■ B1AEF1

■ 121E52

■ CDC9FF

■ 00063A

■ EAE6FF

■ 000224

■ 00000C

■ 000000

■ 61619E

■ 61619E

■ 51519E

■ 71719E

41419E

81819E

32329E

90909E

22229E

A0A09E

12129E

B0B09E

02029E

C0C09E

00009E

D0D09E

DFDF9E

EFEF9E

Harmonies

Analogous

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



1B6CA3



61619E



88558A

Triad

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



61619E



935836



007661

Complementary

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



61619E



9E9E61

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.



3A7343



61619E



7D6428

Square

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



61619E



9F4F4F



5F6D2E



007680

Rectangle

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



61619E



974F77



5F6D2E



0D7556

Sweetspot

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



61619E



B6B6CF



619E9E



5A5A69



E8E8E8



696969

Same Dimension

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



61619E



7070CF



80619E



47474F



00008F



00000F

Inverse Universe

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



9E619E



CF70CF



809E61



4F474F



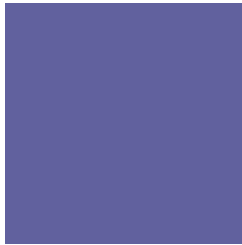
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 61619E looks on a white background.

Color Contrast Check

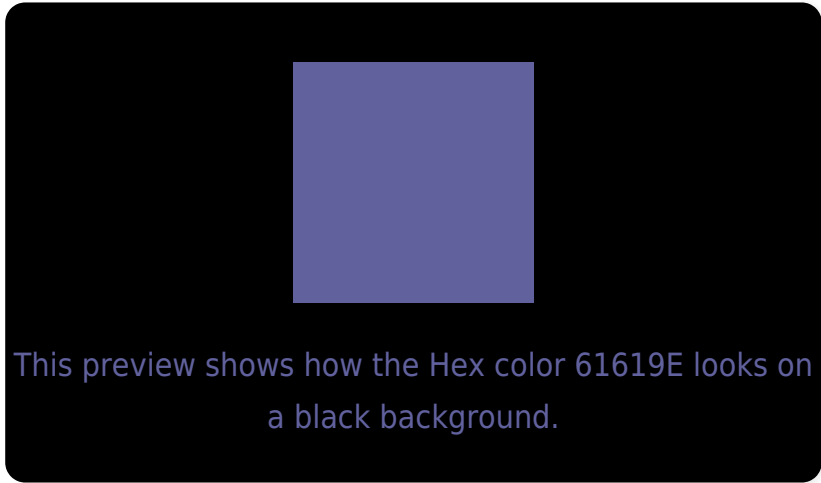
Large Text (above 18pt) WCAG AA ✓ Pass

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

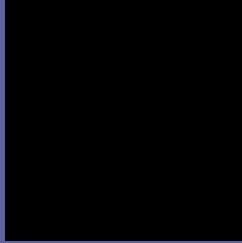
Any Text WCAG AA × Fail

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 61619E Background



This preview shows how black text looks on a background with the Hex color 61619E.

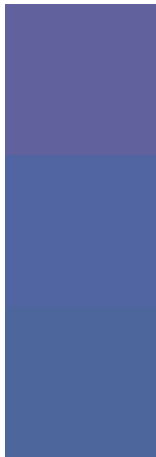


This preview shows how white text looks on a background with the Hex color 61619E.

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](#).

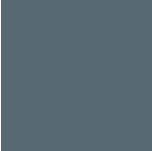
Dichromacy



Original Color
61619E

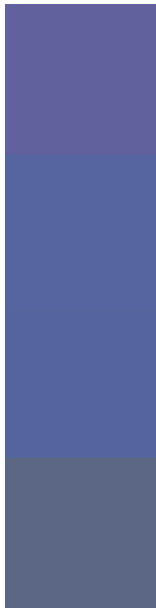
Protanopia
5065A1

Deuteranopia
4D679D



Tritanopia
576A73

Trichromacy



Original Color
61619E

Protanomaly
5664A0

Deuteranomaly
54659D

Tritanomaly
5B6783

Monochromacy



Original Color
61619E

Achromatopsia
686868

Achromatomaly
65657C

CSS Examples

Text

The CSS property to change the color of the text to Hex 61619E 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 #61619E looks like.

```
.text, #text, p{  
    color:#61619E  
}
```

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 #61619E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61619E
}
```

Border

The CSS property to change the border of an element to Hex 61619E 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".

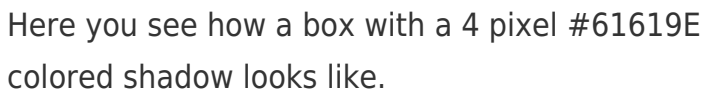
```
.border, #border, table{ border:4px solid
#61619E }
```

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

```
.border{ border-color:#61619E }
```

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

Here you see how a box with a 4 pixel #61619E colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61619E; -webkit-box-shadow:4px 4px  
4px 4px #61619E; box-shadow:4px 4px 4px  
4px #61619E }
```

Background

The CSS property to change the background color of an element to Hex 61619E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61619E }
```

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

```
.background{ background-color:#61619E }
```

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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