

Converting Colors

Hex(42619A)

Have a look what the booklet for
Hex(42619A) contains.

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Color

Hex(42619A)

Conversions

Conversions Part 1

Format	Color
Hex	42619A
RGB	66, 97, 154
RGB Percent	26%, 38%, 60%
CMY	0.7412, 0.6196, 0.3961
CMYK	0.57, 0.37, 0.00, 0.40
HSL	219°, 40%, 43%
HSV	219°, 57%, 60%
XYZ	12.3542, 12.0407, 32.2448
YIQ	94.2290, -36.7730, 11.1550

Conversions

Conversions Part 2

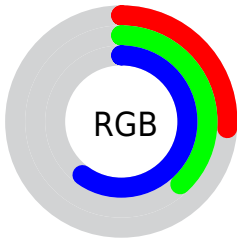
Format	Color
R_{YB}	66, 89, 154
Decimal	4350362
CIE _{Lab}	41.28, 6.38, -34.55
CIE _{LCh}	41, 35.134, 280.457
Yxy	12.0407, 0.2181, 0.2126
Android (android.graphics.Color)	4282540442 (0xFF42619A)
YUV	94.2290, 29.4671, -24.7568
Hunter-Lab	34.6998, 2.8270, -30.8055

Details

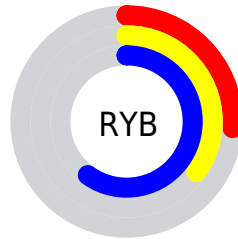
The Hex color **42619A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A7B42**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7893D1**, and **003366** is the 20% darker color. If you saturate the color by 10%, you get **33579A**, and if you desaturate by 10%, it is **516B9A**.

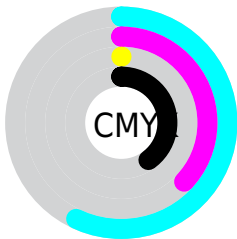
Distribution



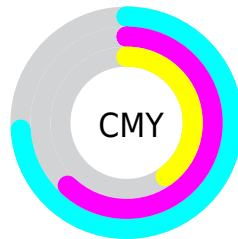
- Red (26%)
- Green (38%)
- Blue (60%)



- Red (26%)
- Yellow (35%)
- Blue (60%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42619A 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 42619A by changing the saturation by 10% instead.

■ 42619A

■ 42619A

FFFFFF

■ 254980

■ 7893D1

■ 003366

■ 94AEED

■ 001F4E

■ B0C9FF

■ 000437

■ CCE5FF

■ 000221

■ E9FFFF

■ 000006

■ 000000

■ 42619A

■ 42619A

■ 33579A

■ 516B9A

■ 234D9A

■ 61759A

■ 14439A

■ 707F9A

■ 04399A

■ 80899A

■ 00369A

■ 8F939A

■ 9E9D9A

■ AEA79A

■ BDB19A

■ CDBB9A

Harmonies

Analogous

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



006A97



42619A



71568D

Triad

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



42619A



934F3D



1B6F4D

Complementary

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



42619A



9A7B42

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.



496A34



42619A



82592A

Square

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



42619A



974958



686326



00706B

Rectangle

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



42619A



854F7E



686326



2E6D44

Sweetspot

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



42619A



A7B3C9



429A7A



525966



E6E6E6



666666

Same Dimension

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



42619A



3E6FC9



4E429A



45484D



00318C



00040D

Inverse Universe

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



9A4261



C93E6F



8E9A42



4D4548



8C0031



0D0004

Previews

White Background



This preview shows how the Hex color 42619A looks on a white background.

Color Contrast Check

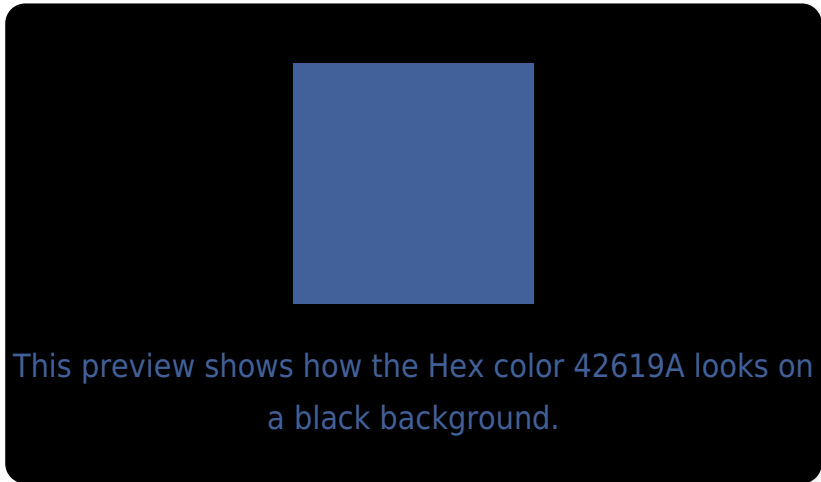
Large Text (above 18pt) WCAG AA ✓ Pass

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

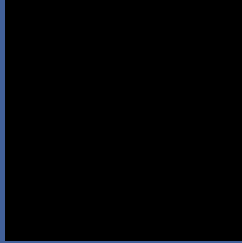
Any Text WCAG AA × Fail

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 42619A Background



This preview shows how black text looks on a background with the Hex color 42619A.



This preview shows how white text looks on a background with the Hex color 42619A.

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
42619A

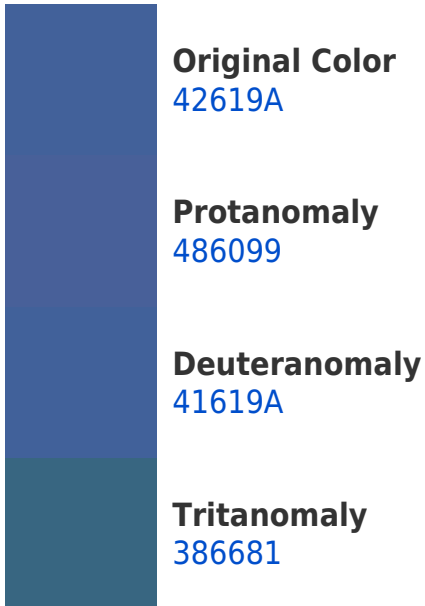
Protanopia
4C5F98

Deuteranopia
41619A

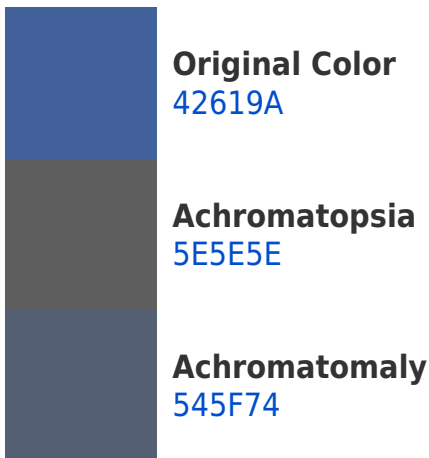


Tritanopia
326972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42619A 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 #42619A looks like.

```
.text, #text, p{  
    color:#42619A  
}
```

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 #42619A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42619A
}
```

Border

The CSS property to change the border of an element to Hex 42619A 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
#42619A }
```

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

```
.border{ border-color:#42619A }
```

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

Here you see how a box with a 4 pixel #42619A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42619A; -webkit-box-shadow:4px 4px  
4px 4px #42619A; box-shadow:4px 4px 4px  
4px #42619A }
```

Background

The CSS property to change the background color of an element to Hex 42619A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42619A }
```

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

```
.background{ background-color:#42619A }
```

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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