

Converting Colors

Hex(47529A)

Have a look what the booklet for
Hex(47529A) contains.

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Color

Hex(47529A)

Conversions

Conversions Part 1

Format	Color
Hex	47529A
RGB	71, 82, 154
RGB Percent	28%, 32%, 60%
CMY	0.7216, 0.6784, 0.3961
CMYK	0.54, 0.47, 0.00, 0.40
HSL	232°, 37%, 44%
HSV	232°, 54%, 60%
XYZ	11.4486, 9.7073, 31.8421
YIQ	86.9190, -29.6680, 20.0600

Conversions

Conversions Part 2

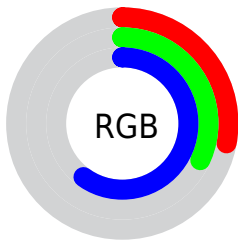
Format	Color
RYB	71, 81, 154
Decimal	4674202
CIELab	37.31, 17.14, -40.84
CIElCh	37, 44.286, 292.766
Yxy	9.7073, 0.2160, 0.1832
Android (android.graphics.Color)	4282864282 (0xFF47529A)
YUV	86.9190, 33.0709, -13.9610
Hunter-Lab	31.1565, 11.0666, -38.7852

Details

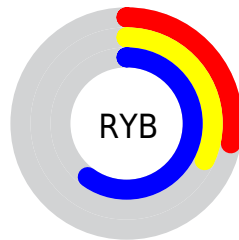
The Hex color **47529A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8F47**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7D83D1**, and **052666** is the 20% darker color. If you saturate the color by 10%, you get **38459A**, and if you desaturate by 10%, it is **565F9A**.

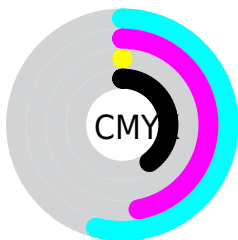
Distribution



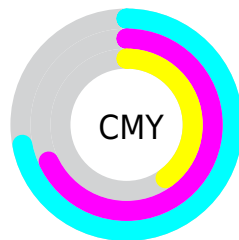
- Red (28%)
- Green (32%)
- Blue (60%)



- Red (28%)
- Yellow (32%)
- Blue (60%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47529A 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 47529A by changing the saturation by 10% instead.

■ 47529A

■ 47529A

FFFFFF

■ 2B3B80

■ 7D83D1

■ 052666

■ 999DED

■ 00124E

■ B5B8FF

■ 000136

■ D1D4FF

■ 000220

■ EEFOFF

■ 000004

■ 000000

■ 47529A

■ 47529A

■ 38459A

■ 565F9A

■ 28379A

■ 666D9A

■ 192A9A

■ 757A9A

■ 091D9A

■ 85879A

■ 00149A

■ 94959A

■ A3A29A

■ B3B09A

■ C2BD9A

■ D2CA9A

Harmonies

Analogous

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



005F9F



47529A



7A4283

Triad

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



47529A



8A451F



00684E

Complementary

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



47529A



9A8F47

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.



1F652A



47529A



715305

Square

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



47529A



97373E



4F5E0B



006872

Rectangle

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



47529A



8E396E



4F5E0B



006741

Sweetspot

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



47529A



A9ADC9



479A8F



535566



E6E6E6



666666

Same Dimension

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



47529A



4758C9



65479A



45464D



00138C



00020D

Inverse Universe

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



9A4752



C94758



7C9A47



4D4546



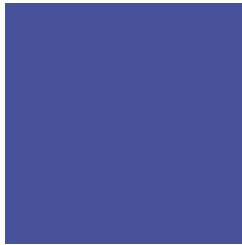
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 47529A looks on a white background.

Color Contrast Check

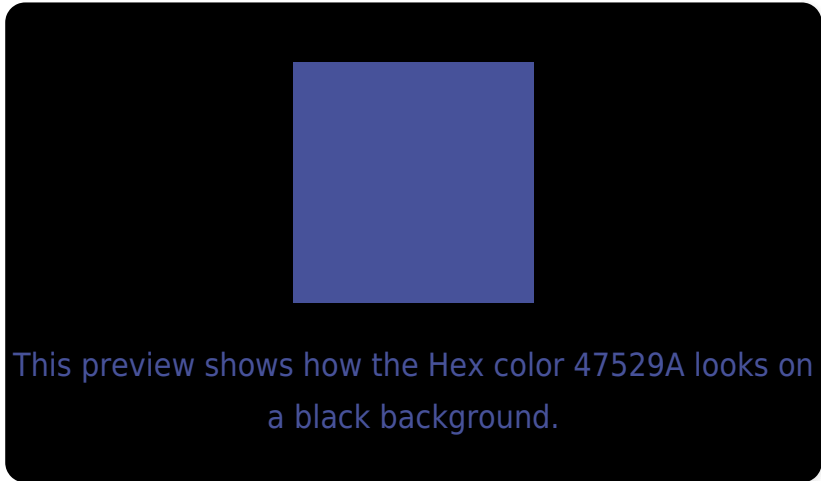
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

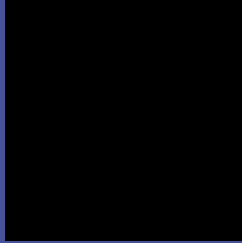
Any Text WCAG AA × Fail

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 47529A Background



This preview shows how black text looks on a background with the Hex color 47529A.




This preview shows how white text looks on a background with the Hex color 47529A.

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](#).

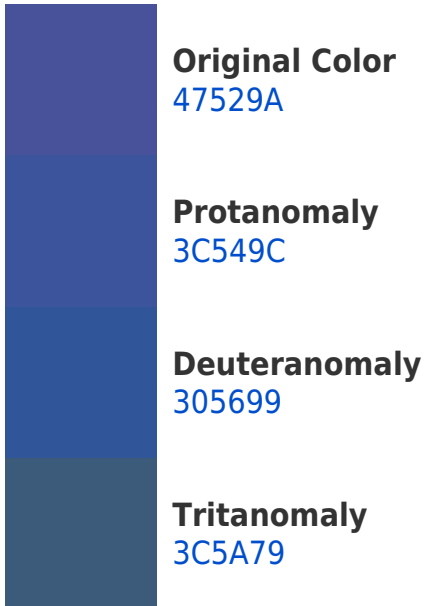
Dichromacy



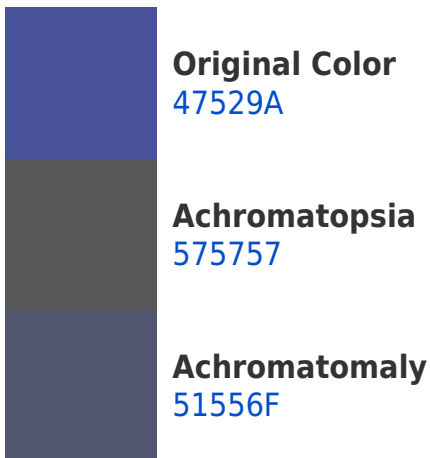


Tritanopia
355E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47529A 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 #47529A looks like.

```
.text, #text, p{  
    color:#47529A  
}
```

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 #47529A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47529A
}
```

Border

The CSS property to change the border of an element to Hex 47529A 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".

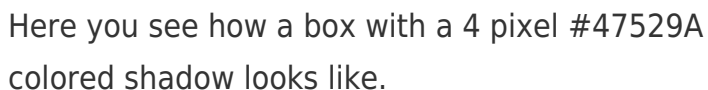
```
.border, #border, table{ border:4px solid
#47529A }
```

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

```
.border{ border-color:#47529A }
```

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

Here you see how a box with a 4 pixel #47529A 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 4-pixel wide, 4-pixel high, blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47529A; -webkit-box-shadow:4px 4px  
4px 4px #47529A; box-shadow:4px 4px 4px  
4px #47529A }
```

Background

The CSS property to change the background color of an element to Hex 47529A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47529A }
```

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

```
.background{ background-color:#47529A }
```

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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