

Converting Colors

Hex(4D629C)

Have a look what the booklet for
Hex(4D629C) contains.

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Color

Hex(4D629C)

Conversions

Conversions Part 1

Format	Color
Hex	4D629C
RGB	77, 98, 156
RGB Percent	30%, 38%, 61%
CMY	0.6980, 0.6157, 0.3882
CMYK	0.51, 0.37, 0.00, 0.39
HSL	224°, 34%, 46%
HSV	224°, 51%, 61%
XYZ	13.4290, 12.7134, 33.1986
YIQ	98.3330, -31.1340, 13.5860

Conversions

Conversions Part 2

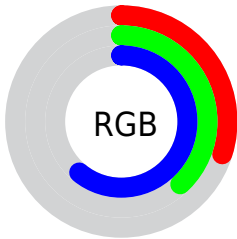
Format	Color
RYB	77, 94, 156
Decimal	5071516
CIELab	42.33, 9.00, -34.05
CIElCh	42, 35.216, 284.813
Yxy	12.7134, 0.2263, 0.2142
Android (android.graphics.Color)	4283261596 (0xFF4D629C)
YUV	98.3330, 28.4298, -18.7090
Hunter-Lab	35.6559, 4.8302, -30.2448

Details

The Hex color **4D629C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C874D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8294D3**, and **133468** is the 20% darker color. If you saturate the color by 10%, you get **3D579C**, and if you desaturate by 10%, it is **5D6D9C**.

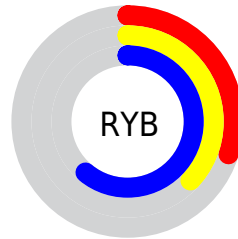
Distribution



Red (30%)

Green (38%)

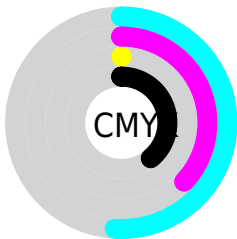
Blue (61%)



Red (30%)

Yellow (37%)

Blue (61%)

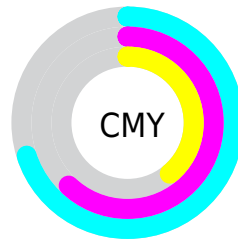


Cyan (51%)

Magenta (37%)

Yellow (0%)

Black (39%)



Cyan (70%)

Magenta (62%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D629C 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 4D629C by changing the saturation by 10% instead.

■ 4D629C

■ 4D629C

FFFFFF

■ 324A82

■ 8294D3

■ 133468

■ 9EAFEF

■ 001F50

■ BACAFF

■ 000639

■ D6E6FF

■ 000222

■ F3FFFF

■ 000009

■ 000000

■ 4D629C

■ 4D629C

■ 3D579C

■ 5D6D9C

■ 2E4B9C

■ 6C799C

■ 1E409C

■ 7C849C

■ 0F349C

■ 8B909C

■ 00299C

■ 9B9B9C

■ ABA79C

■ BAB29C

■ CABE9C

■ D9C99C

Harmonies

Analogous

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



006B9C



4D629C



79578D

Triad

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



4D629C



94523C



127254

Complementary

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



4D629C



9C874D

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.



466E39



4D629C



815D2B

Square

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



4D629C



9B4C57



676729



007372

Rectangle

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



4D629C



8B507D



676729



2A714A

Sweetspot

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



4D629C



ADB6CC



4D9C87



545966



E6E6E6



666666

Same Dimension

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



4D629C



5071CC



5F4D9C



47494F



00268F



00040F

Inverse Universe

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



9C4D62



CC5071



8A9C4D



4F4749



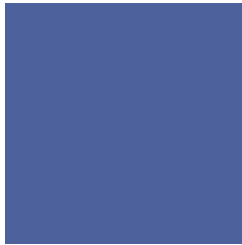
8F0026



0F0004

Previews

White Background



This preview shows how the Hex color 4D629C looks on a white background.

Color Contrast Check

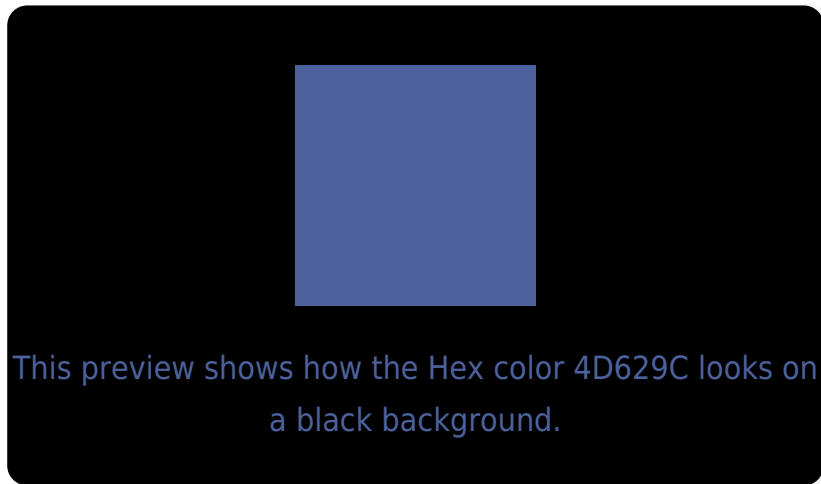
Large Text (above 18pt) WCAG AA ✓ Pass

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

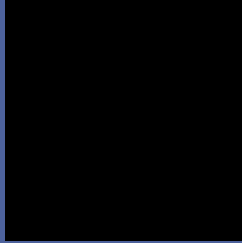
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

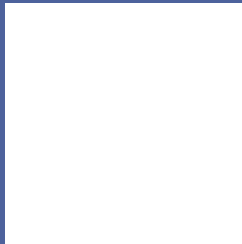
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D629C Background



This preview shows how black text looks on a background with the Hex color 4D629C.



This preview shows how white text looks on a background with the Hex color 4D629C.

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


4D629C

Protanopia

4E629C

Deuteranopia

46649C



Tritanopia
406A73

Trichromacy



Original Color
4D629C

Protanomaly
4E629C

Deuteranomaly
49639C

Tritanomaly
456782

Monochromacy



Original Color
4D629C

Achromatopsia
626262

Achromatomaly
5A6277

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D629C 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 #4D629C looks like.

```
.text, #text, p{  
    color:#4D629C  
}
```

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 #4D629C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D629C
}
```

Border

The CSS property to change the border of an element to Hex 4D629C 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
#4D629C }
```

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

```
.border{ border-color:#4D629C }
```

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

Here you see how a box with a 4 pixel #4D629C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D629C; -webkit-box-shadow:4px 4px  
4px 4px #4D629C; box-shadow:4px 4px 4px  
4px #4D629C }
```

Background

The CSS property to change the background color of an element to Hex 4D629C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D629C }
```

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

```
.background{ background-color:#4D629C }
```

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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