

Converting Colors

Hex(06279A)

Have a look what the booklet for
Hex(06279A) contains.

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Color

Hex(06279A)

Conversions

Conversions Part 1

Format	Color
Hex	06279A
RGB	6, 39, 154
RGB Percent	2%, 15%, 60%
CMY	0.9765, 0.8471, 0.3961
CMYK	0.96, 0.75, 0.00, 0.40
HSL	227°, 92%, 31%
HSV	227°, 96%, 60%
XYZ	6.6334, 3.8228, 30.9601
YIQ	42.2430, -56.5830, 28.7690

Conversions

Conversions Part 2

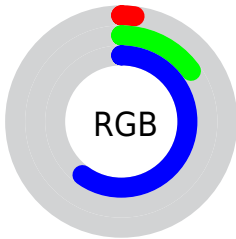
Format	Color
R _{YB}	6, 33, 154
Decimal	403354
CIE _{Lab}	23.08, 37.42, -64.14
CIE _{LCh}	23, 74.261, 300.261
Yxy	3.8228, 0.1602, 0.0923
Android (android.graphics.Color)	4278593434 (0xFF06279A)
YUV	42.2430, 55.0962, -31.7851
Hunter-Lab	19.5521, 26.3427, -80.1973

Details

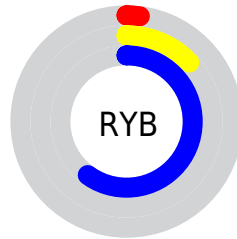
The Hex color **06279A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9A7906**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5955D2**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **00229A**, and if you desaturate by 10%, it is **15339A**.

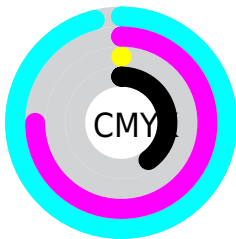
Distribution



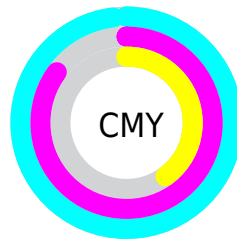
- Red (2%)
- Green (15%)
- Blue (60%)



- Red (2%)
- Yellow (13%)
- Blue (60%)



- Cyan (96%)
- Magenta (75%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06279A 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 06279A by changing the saturation by 10% instead.

■ 06279A

■ 06279A

FFFFFF

■ 00127F

■ 5955D2

■ 000065

■ 776DEE

■ 00044C

■ 9587FF

■ 000535

■ B2A1FF

■ 00021F

■ D0BCFF

■ 000001

■ EED8FF

■ 000000

■ FFF5FF

■ 06279A

■ 06279A

■ 00229A

■ 15339A

■ 253F9A

■ 344B9A

■ 44579A

■ 53639A

■ 626F9A

■ 727B9A

■ 81879A

■ 91939A

Harmonies

Analogous

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



0041AA



06279A



74006F

Triad

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



06279A



6D1600



004936

Complementary

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



06279A



9A7906

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.



004700



06279A



443600

Square

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



06279A



890000



004200



004B6F

Rectangle

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



06279A



8A004C



004200



004922

Sweetspot

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



06279A



8F9CC9



069A77



424A66



E6E6E6



666666

Same Dimension

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



06279A



002DC9



2D069A



45474D



001F8C



00030D

Inverse Universe

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



9A0627



C9002D



739A06



4D4547



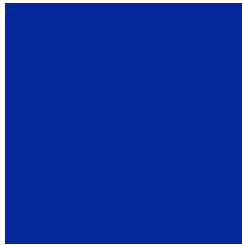
8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 06279A looks on a white background.

Color Contrast Check

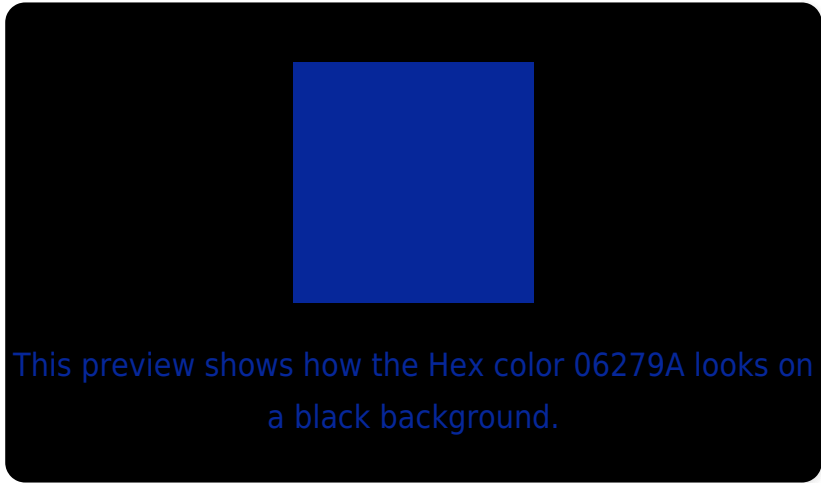
Large Text (above 18pt) WCAG AA ✓ Pass

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

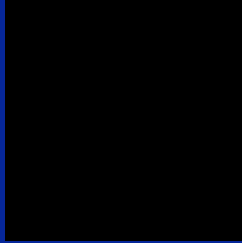
Any Text WCAG AA × Fail

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 06279A Background



This preview shows how black text looks on a background with the Hex color 06279A.



This preview shows how white text looks on a background with the Hex color 06279A.

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
06279A

Protanopia
003671

Deuteranopia
003960



Tritanopia
003E41

Trichromacy



Original Color
06279A

Protanomaly
023180

Deuteranomaly
023275

Tritanomaly
023661

Monochromacy



Original Color
06279A

Achromatopsia
2A2A2A

Achromatomaly
1D2953

CSS Examples

Text

The CSS property to change the color of the text to Hex 06279A 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 #06279A looks like.

```
.text, #text, p{  
    color:#06279A  
}
```

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 #06279A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06279A
}
```

Border

The CSS property to change the border of an element to Hex 06279A is called "border". The border property can be set on classes, ids or directly on the HTML element.

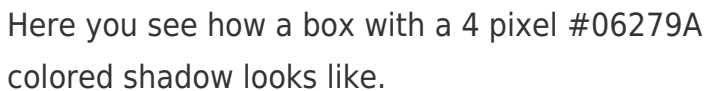
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#06279A }
```

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

```
.border{ border-color:#06279A }
```

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



Here you see how a box with a 4 pixel #06279A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06279A; -webkit-box-shadow:4px 4px  
4px 4px #06279A; box-shadow:4px 4px 4px  
4px #06279A }
```

Background

The CSS property to change the background color of an element to Hex 06279A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06279A }
```

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

```
.background{ background-color:#06279A }
```

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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