

Converting Colors

Hex(16479A)

Have a look what the booklet for
Hex(16479A) contains.

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Color

Hex(16479A)

Conversions

Conversions Part 1

Format	Color
Hex	16479A
RGB	22, 71, 154
RGB Percent	9%, 28%, 60%
CMY	0.9137, 0.7216, 0.3961
CMYK	0.86, 0.54, 0.00, 0.40
HSL	218°, 75%, 35%
HSV	218°, 86%, 60%
XYZ	8.4168, 7.0101, 31.4813
YIQ	65.8110, -55.8470, 15.4250

Conversions

Conversions Part 2

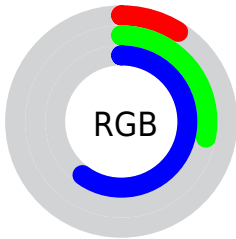
Format	Color
R_{YB}	22, 58, 154
Decimal	1460122
CIE _{Lab}	31.83, 16.70, -49.78
CIE _{LCh}	32, 52.511, 288.544
Yxy	7.0101, 0.1794, 0.1494
Android (android.graphics.Color)	4279650202 (0xFF16479A)
YUV	65.8110, 43.4772, -38.4222
Hunter-Lab	26.4767, 10.4104, -51.9634

Details

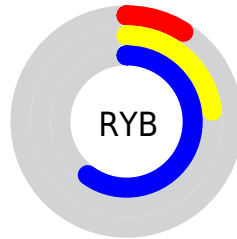
The Hex color **16479A** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9A6916**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5B77D1**, and **001D66** is the 20% darker color. If you saturate the color by 10%, you get **073D9A**, and if you desaturate by 10%, it is **25519A**.

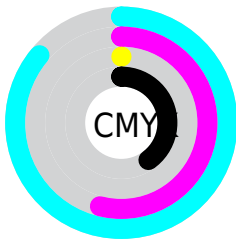
Distribution



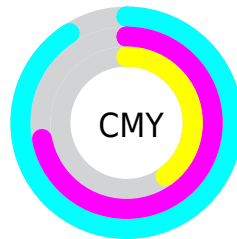
- Red (9%)
- Green (28%)
- Blue (60%)



- Red (9%)
- Yellow (23%)
- Blue (60%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16479A 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 16479A by changing the saturation by 10% instead.

■ 16479A

■ 16479A

FFFFFF

■ 003180

■ 5B77D1

■ 001D66

■ 7890EE

■ 00034D

■ 95ABFF

■ 000536

■ B2C6FF

■ 00021F

■ CFE2FF

■ 000003

■ EDFEFF

■ 000000

■ 16479A

■ 16479A

■ 073D9A

■ 25519A

00399A

355A9A

44649A

546E9A

63779A

72819A

828B9A

91949A

A19E9A

Harmonies

Analogous

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



00559C



16479A



6B3282

Triad

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



16479A



842F0A



005C39

Complementary

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



16479A



9A6916

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.



00580B



16479A



694300

Square

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



16479A



921934



445100



005D64

Rectangle

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



16479A



84216A



445100



005B2B

Sweetspot

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



16479A



95A9C9



169A67



465266



E6E6E6



666666

Same Dimension

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



16479A



004BC9



25169A



45484D



00348C



00050D

Inverse Universe

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



9A1647



C9004B



8B9A16



4D4548



8C0034



0D0005

Previews

White Background



This preview shows how the Hex color 16479A looks on a white background.

Color Contrast Check

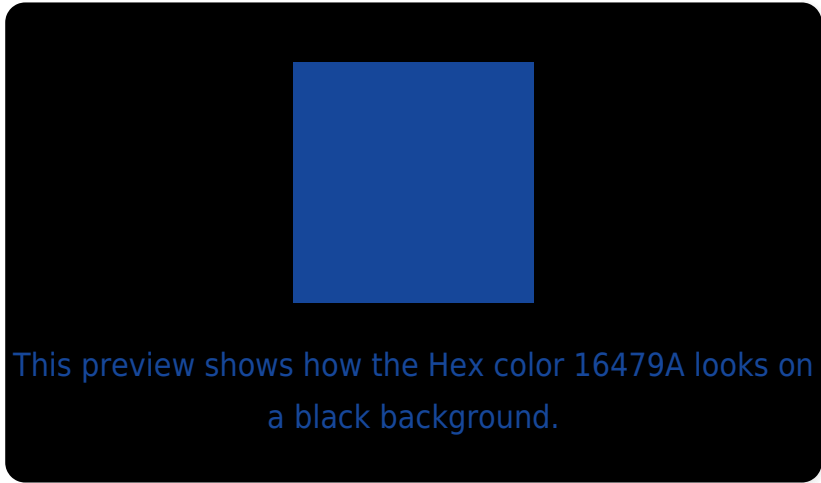
Large Text (above 18pt) WCAG AA ✓ Pass

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

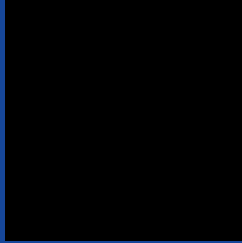
Any Text WCAG AA × Fail

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 16479A Background



This preview shows how black text looks on a background with the Hex color 16479A.



This preview shows how white text looks on a background with the Hex color 16479A.

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
16479A

Protanopia
004899

Deuteranopia
004D84

Trichromacy



Original Color
16479A

Protanomaly
084899

Deuteranomaly
084B8C

Tritanomaly
084F70

Monochromacy



Original Color
16479A

Achromatopsia
424242

Achromatomaly
324462

CSS Examples

Text

The CSS property to change the color of the text to Hex 16479A 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 #16479A looks like.

```
.text, #text, p{  
    color:#16479A  
}
```

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 #16479A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16479A
}
```

Border

The CSS property to change the border of an element to Hex 16479A 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
#16479A }
```

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

```
.border{ border-color:#16479A }
```

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

Here you see how a box with a 4 pixel #16479A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16479A; -webkit-box-shadow:4px 4px  
4px 4px #16479A; box-shadow:4px 4px 4px  
4px #16479A }
```

Background

The CSS property to change the background color of an element to Hex 16479A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16479A }
```

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

```
.background{ background-color:#16479A }
```

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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