

Converting Colors

Hex(46799A)

Have a look what the booklet for
Hex(46799A) contains.

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Color

Hex(46799A)

Conversions

Conversions Part 1

Format	Color
Hex	46799A
RGB	70, 121, 154
RGB Percent	27%, 47%, 60%
CMY	0.7255, 0.5255, 0.3961
CMYK	0.55, 0.21, 0.00, 0.40
HSL	204°, 37%, 44%
HSV	204°, 55%, 60%
XYZ	15.1959, 17.3099, 33.1121
YIQ	109.5130, -40.9890, -0.5490

Conversions

Conversions Part 2

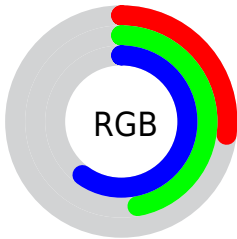
Format	Color
R_{YB}	70, 102, 154
Decimal	4618650
CIE _{Lab}	48.65, -7.28, -23.03
CIE _{LCh}	49, 24.157, 252.452
Yxy	17.3099, 0.2316, 0.2638
Android (android.graphics.Color)	4282808730 (0xFF46799A)
YUV	109.5130, 21.9321, -34.6529
Hunter-Lab	41.6052, -7.6137, -18.0631

Details

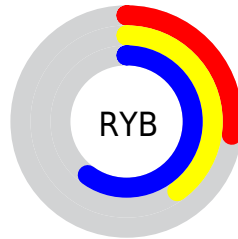
The Hex color **46799A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A6746**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CADD1**, and **034967** is the 20% darker color. If you saturate the color by 10%, you get **37739A**, and if you desaturate by 10%, it is **557F9A**.

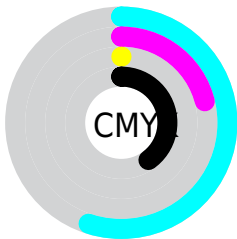
Distribution



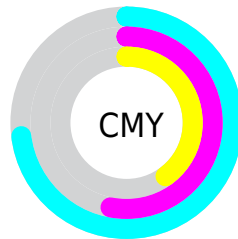
- Red (27%)
- Green (47%)
- Blue (60%)



- Red (27%)
- Yellow (40%)
- Blue (60%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46799A 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 46799A by changing the saturation by 10% instead.

■ 46799A

■ 46799A

FFFFFF

■ 2A6080

■ 7CADD1

■ 034967

■ 98C9ED

■ 00324F

■ B3E5FF

■ 001D38

■ D0FFFF

■ 000222

■ EDFFFF

■ 000008

■ 000000

■ 46799A

■ 46799A

■ 37739A

■ 557F9A

■ 276D9A

■ 65859A

■ 18679A

■ 748B9A

■ 08619A

■ 84919A

■ 005E9A

■ 93979A

■ A29D9A

■ B2A39A

■ C1A99A

■ D1AF9A

Harmonies

Analogous

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



307D8E



46799A



65739B

Triad

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



46799A



9C646C



627A55

Complementary

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



46799A



9A6746

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.



79754B



46799A



996859

Square

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



46799A



946680



8C6E4D



4A7E67

Rectangle

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



46799A



786E96



8C6E4D



6A7951

Sweetspot

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



46799A



A9BDC9



469A66



535E66



E6E6E6



666666

Same Dimension

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



46799A



4796C9



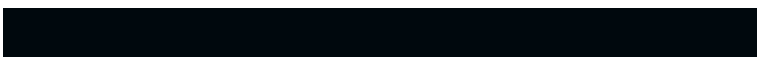
46509A



45494D



00558C



00080D

Inverse Universe

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



9A4679



C94796



9A9046



4D4549



8C0055



0D0008

Previews

White Background



This preview shows how the Hex color 46799A looks on a white background.

Color Contrast Check

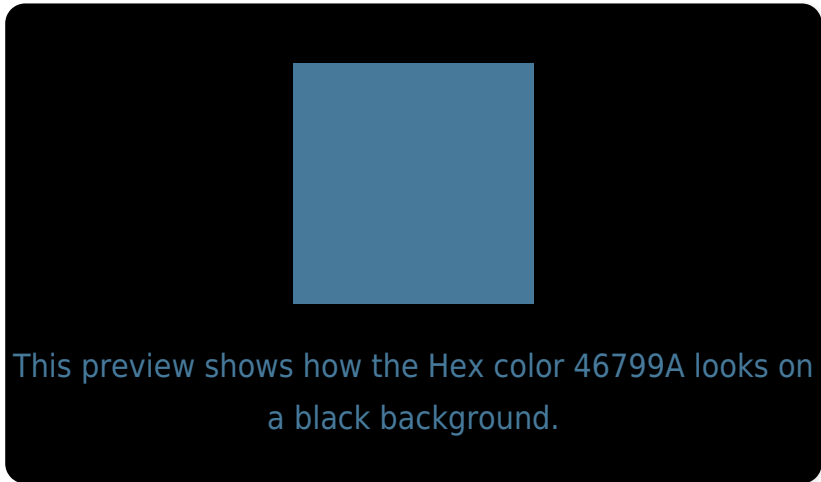
Large Text (above 18pt) WCAG AA ✓ Pass

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

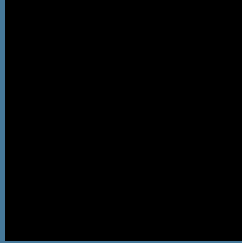
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

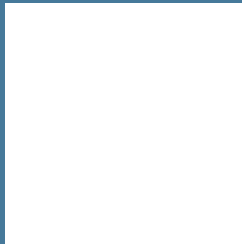
Any Text WCAG AAA × Fail

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

Hex 46799A Background



This preview shows how black text looks on a background with the Hex color 46799A.



This preview shows how white text looks on a background with the Hex color 46799A.

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](#).

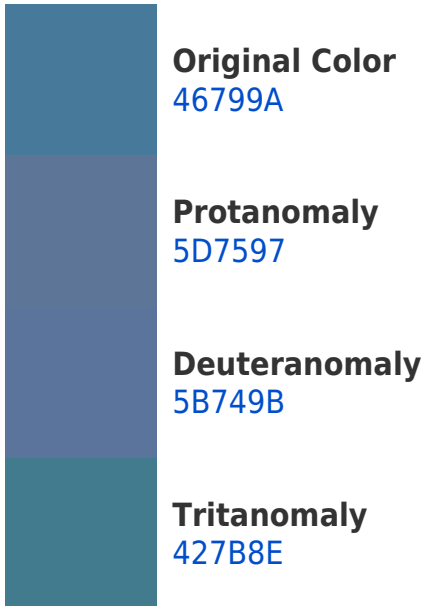
Dichromacy





Tritanopia
3F7C87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46799A 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 #46799A looks like.

```
.text, #text, p{  
    color:#46799A  
}
```

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 #46799A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46799A
}
```

Border

The CSS property to change the border of an element to Hex 46799A 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
#46799A }
```

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

```
.border{ border-color:#46799A }
```

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

Here you see how a box with a 4 pixel #46799A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46799A; -webkit-box-shadow:4px 4px  
4px 4px #46799A; box-shadow:4px 4px 4px  
4px #46799A }
```

Background

The CSS property to change the background color of an element to Hex 46799A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46799A }
```

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

```
.background{ background-color:#46799A }
```

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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