

Converting Colors

Hex(10749D)

Have a look what the booklet for
Hex(10749D) contains.

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Color

Hex(10749D)

Conversions

Conversions Part 1

Format	Color
Hex	10749D
RGB	16, 116, 157
RGB Percent	6%, 45%, 62%
CMY	0.9373, 0.5451, 0.3843
CMYK	0.90, 0.26, 0.00, 0.38
HSL	197°, 82%, 34%
HSV	197°, 90%, 62%
XYZ	12.5449, 15.0353, 34.1392
YIQ	90.7740, -72.7610, -8.4490

Conversions

Conversions Part 2

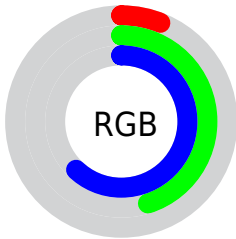
Format	Color
RYB	16, 75, 157
Decimal	1078429
CIELab	45.68, -11.30, -29.52
CIElCh	46, 31.611, 249.056
Yxy	15.0353, 0.2033, 0.2436
Android (android.graphics.Color)	4279268509 (0xFF10749D)
YUV	90.7740, 32.6494, -65.5768
Hunter-Lab	38.7753, -10.1072, -25.0583

Details

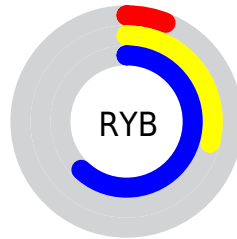
The Hex color **10749D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9D3910**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5AA8D4**, and **004469** is the 20% darker color. If you saturate the color by 10%, you get **006F9D**, and if you desaturate by 10%, it is **20799D**.

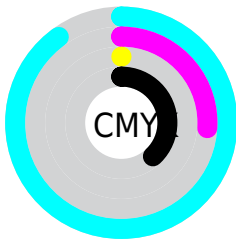
Distribution



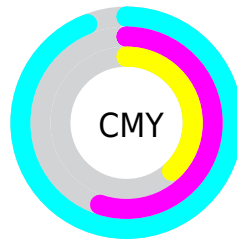
- Red (6%)
- Green (45%)
- Blue (62%)



- Red (6%)
- Yellow (29%)
- Blue (62%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10749D 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 10749D by changing the saturation by 10% instead.

■ 10749D

■ 10749D

FFFFFF

■ 005B83

■ 5AA8D4

■ 004469

■ 78C3F0

■ 002E51

■ 95DFFF

■ 001A3A

■ B2FCFF

■ 000224

■ CFFFFFF

■ 00000C

■ EDFFFF

■ 000000

■ 10749D

■ 10749D

■ 006F9D

■ 20799D

 2F7D9D

 3F829D

 4F869D

 5F8B9D

 6E8F9D

 7E949D

 8E999D

 9D9D9D

Harmonies

Analogous

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



00798D



10749D



516CA0

Triad

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



10749D



9F5765



587442

Complementary

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



10749D



9D3910

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.



756D37



10749D



9B5B4C

Square

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



10749D



935A80



8C643B



357958

Rectangle

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



10749D



6D669A



8C643B



62723D

Sweetspot

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



10749D



95BCCC



109D38



455D66



E6E6E6



666666

Same Dimension

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



10749D



0091CC



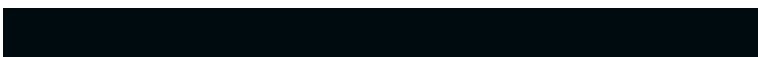
102F9D



474D4F



00658F



000B0F

Inverse Universe

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



9D1074



CC0091



9D7E10



4F474D



8F0065



0F000B

Previews

White Background



This preview shows how the Hex color 10749D looks on a white background.

Color Contrast Check

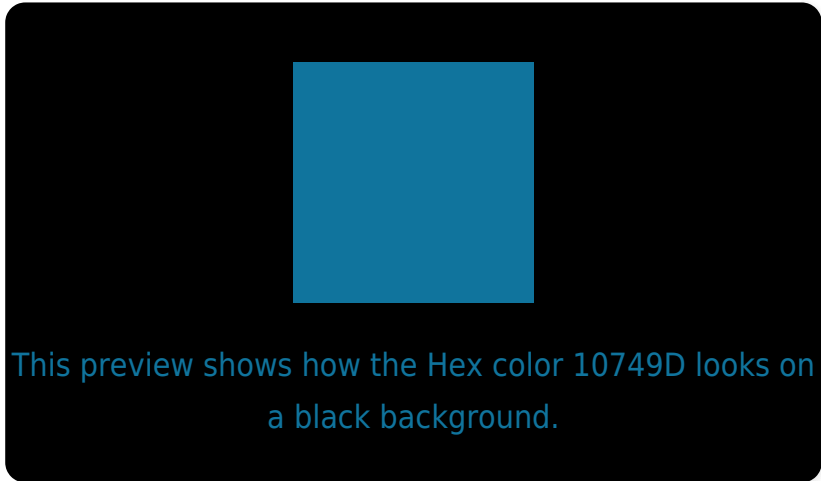
Large Text (above 18pt) WCAG AA ✓ Pass

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

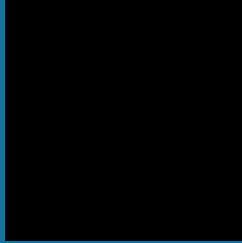
Any Text WCAG AA × Fail

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 10749D Background



This preview shows how black text looks on a background with the Hex color 10749D.

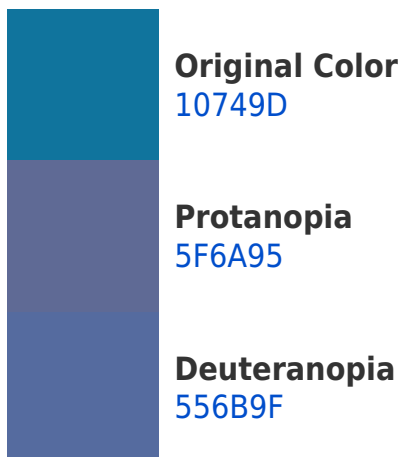


This preview shows how white text looks on a background with the Hex color 10749D.

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](#).

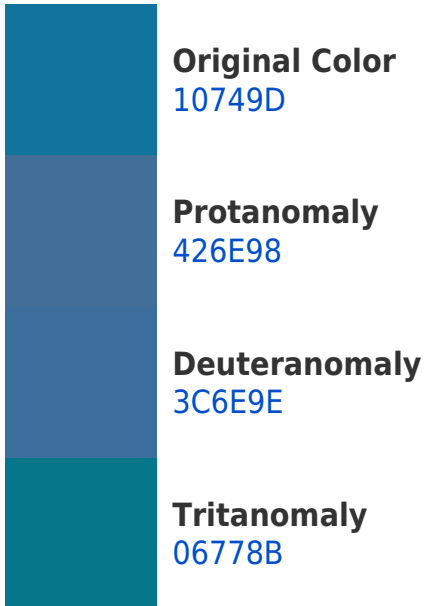
Dichromacy



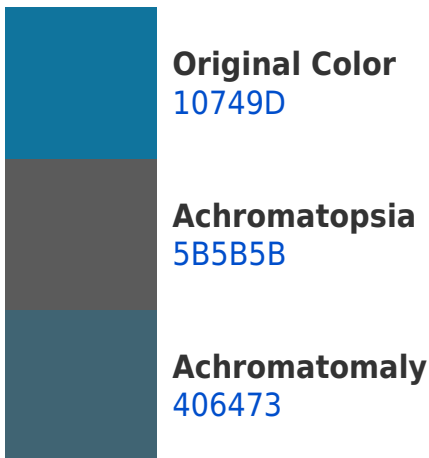


Tritanopia
007881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10749D 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 #10749D looks like.

```
.text, #text, p{  
    color:#10749D  
}
```

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 #10749D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10749D
}
```

Border

The CSS property to change the border of an element to Hex 10749D 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
#10749D }
```

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

```
.border{ border-color:#10749D }
```

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

Here you see how a box with a 4 pixel #10749D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10749D; -webkit-box-shadow:4px 4px  
4px 4px #10749D; box-shadow:4px 4px 4px  
4px #10749D }
```

Background

The CSS property to change the background color of an element to Hex 10749D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10749D }
```

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

```
.background{ background-color:#10749D }
```

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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