

Converting Colors

Hex(20749D)

Have a look what the booklet for
Hex(20749D) contains.

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Color

Hex(20749D)

Conversions

Conversions Part 1

Format	Color
Hex	20749D
RGB	32, 116, 157
RGB Percent	13%, 45%, 62%
CMY	0.8745, 0.5451, 0.3843
CMYK	0.80, 0.26, 0.00, 0.38
HSL	200°, 66%, 37%
HSV	200°, 80%, 62%
XYZ	12.9269, 15.2322, 34.1571
YIQ	95.5580, -63.2250, -5.0570

Conversions

Conversions Part 2

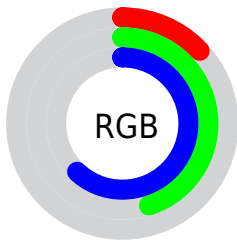
Format	Color
R _Y B	32, 82, 157
Decimal	2127005
CIE Lab	45.95, -9.90, -29.08
CIE LCh	46, 30.722, 251.207
Yxy	15.2322, 0.2074, 0.2444
Android (android.graphics.Color)	4280317085 (0xFF20749D)
YUV	95.5580, 30.2909, -55.7404
Hunter-Lab	39.0284, -9.1776, -24.5698

Details

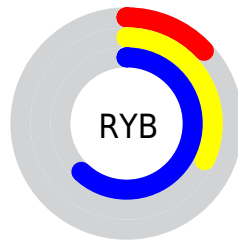
The Hex color **20749D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9D4920**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **61A8D4**, and **004469** is the 20% darker color. If you saturate the color by 10%, you get **106F9D**, and if you desaturate by 10%, it is **30799D**.

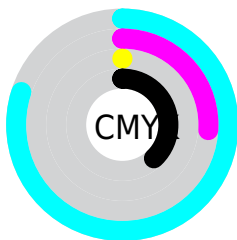
Distribution



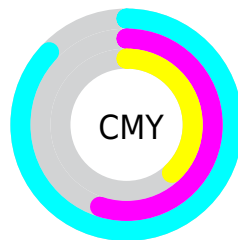
- Red (13%)
- Green (45%)
- Blue (62%)



- Red (13%)
- Yellow (32%)
- Blue (62%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20749D 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 20749D by changing the saturation by 10% instead.

■ 20749D

■ 20749D

FFFFFF

■ 005B83

■ 61A8D4

■ 004469

■ 7EC3F0

■ 002E51

■ 9BDFFF

■ 001A3A

■ B8FCFF

■ 000224

■ D5FFFF

■ 00000C

■ F2FFFF

■ 000000

■ 20749D

■ 20749D

■ 106F9D

■ 30799D

■ 016A9D

■ 3F7E9D

■ 006A9D

■ 4F839D

■ 5F899D

■ 6F8E9D

■ 7E939D

■ 8E989D

■ 9E9D9D

■ ADA29D

Harmonies

Analogous

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



00798E



20749D



566C9F

Triad

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



20749D



9E5864



577545

Complementary

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



20749D



9D4920

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.



746E39



20749D



9A5D4C

Square

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



20749D



945A7E



8B663C



35795B

Rectangle

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



20749D



716699



8B663C



617340

Sweetspot

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



20749D



9BBCCC



209D48



485C66



E6E6E6



666666

Same Dimension

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



20749D



088CCC



20379D



474C4F



00608F



000A0F

Inverse Universe

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



9D2074



CC088C



9D8620



4F474C



8F0060



0F000A

Previews

White Background



This preview shows how the Hex color 20749D looks on a white background.

Color Contrast Check

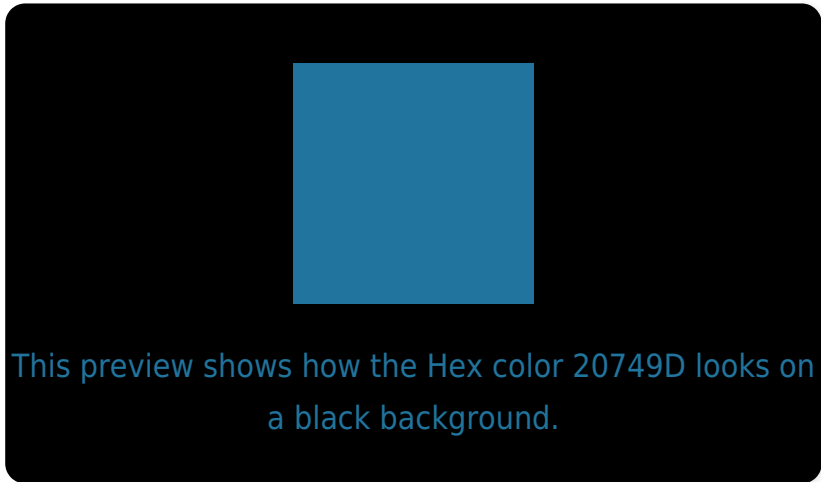
Large Text (above 18pt) WCAG AA ✓ Pass

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 20749D Background



This preview shows how black text looks on a background with the Hex color 20749D.



This preview shows how white text looks on a background with the Hex color 20749D.

Color Blindness Simulation

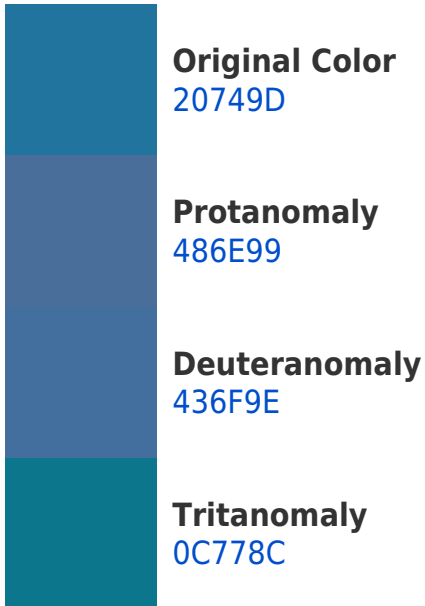
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20749D 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 #20749D looks like.

```
.text, #text, p{  
    color:#20749D  
}
```

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 #20749D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20749D
}
```

Border

The CSS property to change the border of an element to Hex 20749D 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
#20749D }
```

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

```
.border{ border-color:#20749D }
```

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

Here you see how a box with a 4 pixel #20749D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20749D; -webkit-box-shadow:4px 4px  
4px 4px #20749D; box-shadow:4px 4px 4px  
4px #20749D }
```

Background

The CSS property to change the background color of an element to Hex 20749D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20749D }
```

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

```
.background{ background-color:#20749D }
```

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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