

Converting Colors

Hex(29519D)

Have a look what the booklet for
Hex(29519D) contains.

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Color

Hex(29519D)

Conversions

Conversions Part 1

Format	Color
Hex	29519D
RGB	41, 81, 157
RGB Percent	16%, 32%, 62%
CMY	0.8392, 0.6824, 0.3843
CMYK	0.74, 0.48, 0.00, 0.38
HSL	219°, 59%, 39%
HSV	219°, 74%, 62%
XYZ	9.9427, 8.7906, 33.0710
YIQ	77.7040, -48.2360, 15.1560

Conversions

Conversions Part 2

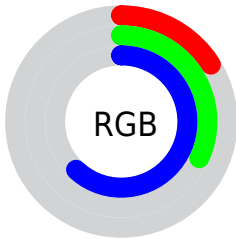
Format	Color
R_{YB}	41, 71, 157
Decimal	2707869
CIE _{Lab}	35.58, 13.27, -45.51
CIE _{LCh}	36, 47.407, 286.258
Yxy	8.7906, 0.1919, 0.1697
Android (android.graphics.Color)	4280897949 (0xFF29519D)
YUV	77.7040, 39.0929, -32.1894
Hunter-Lab	29.6489, 7.9738, -45.3790

Details

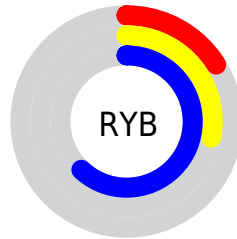
The Hex color **29519D** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9D7529**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6682D4**, and **002569** is the 20% darker color. If you saturate the color by 10%, you get **19479D**, and if you desaturate by 10%, it is **395B9D**.

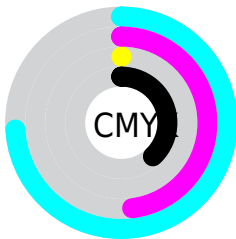
Distribution



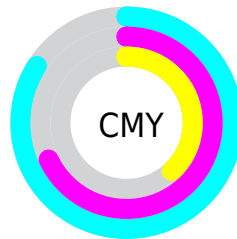
- Red (16%)
- Green (32%)
- Blue (62%)



- Red (16%)
- Yellow (28%)
- Blue (62%)



- Cyan (74%)
- Magenta (48%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29519D 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 29519D by changing the saturation by 10% instead.

■ 29519D

■ 29519D

FFFFFF

■ 003A83

■ 6682D4

■ 002569

■ 829CF1

■ 001250

■ 9FB6FF

■ 000539

■ BCD2FF

■ 000222

■ D9EEFF

■ 000008

■ F6FFFF

■ 000000

■ 29519D

■ 29519D

■ 19479D

■ 395B9D

■ 0A3C9D

■ 48669D

■ 00369D

■ 58709D

■ 687A9D

■ 78849D

■ 878F9D

■ 97999D

■ A7A39D

■ B6AE9D

Harmonies

Analogous

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



005D9E



29519D



6F4089

Triad

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



29519D



8C3B1D



006440

Complementary

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



29519D



9D7529

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.



23601A



29519D



744C00

Square

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



29519D



972D41



525800



006568

Rectangle

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



29519D



873473



525800



006333

Sweetspot

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



29519D



9FAFCC



299D74



4B5566



E6E6E6



666666

Same Dimension

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



29519D



1655CC



3A299D



474A4F



00318F



00050F

Inverse Universe

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



9D2951



CC1655



8C9D29



4F474A



8F0031



0F0005

Previews

White Background



This preview shows how the Hex color 29519D looks on a white background.

Color Contrast Check

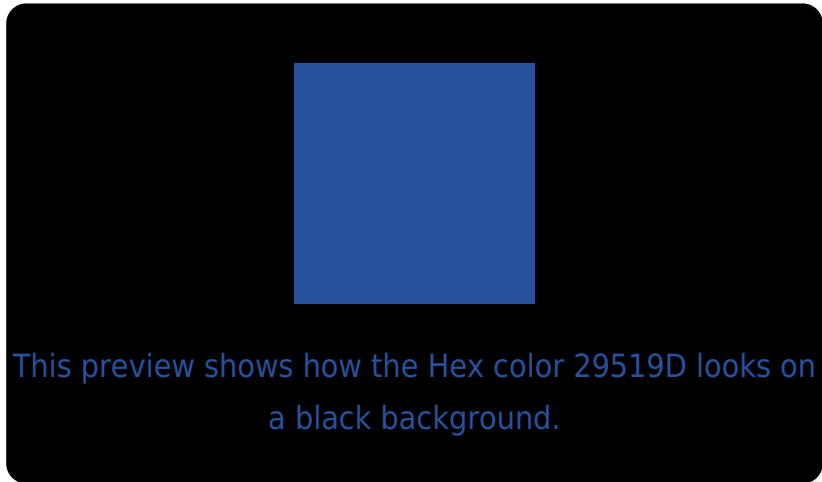
Large Text (above 18pt) WCAG AA ✓ Pass

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 29519D Background



This preview shows how black text looks on a background with the Hex color 29519D.



This preview shows how white text looks on a background with the Hex color 29519D.

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



Original Color
29519D

Protanomaly
2A519D

Deuteranomaly
0F5499

Monochromacy



Original Color
29519D

Achromatopsia
4E4E4E

Achromatomaly
414F6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 29519D 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 #29519D looks like.

```
.text, #text, p{  
    color:#29519D  
}
```

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 #29519D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29519D
}
```

Border

The CSS property to change the border of an element to Hex 29519D 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
#29519D }
```

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

```
.border{ border-color:#29519D }
```

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

Here you see how a box with a 4 pixel #29519D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29519D; -webkit-box-shadow:4px 4px  
4px 4px #29519D; box-shadow:4px 4px 4px  
4px #29519D }
```

Background

The CSS property to change the background color of an element to Hex 29519D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29519D }
```

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

```
.background{ background-color:#29519D }
```

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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