

Converting Colors

Hex(54719D)

Have a look what the booklet for
Hex(54719D) contains.

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Color

Hex(54719D)

Conversions

Conversions Part 1

Format	Color
Hex	54719D
RGB	84, 113, 157
RGB Percent	33%, 44%, 62%
CMY	0.6706, 0.5569, 0.3843
CMYK	0.46, 0.28, 0.00, 0.38
HSL	216°, 30%, 47%
HSV	216°, 46%, 62%
XYZ	15.6471, 16.1294, 34.1869
YIQ	109.3450, -31.4080, 7.5360

Conversions

Conversions Part 2

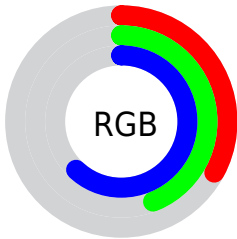
Format	Color
R_{YB}	84, 105, 157
Decimal	5534109
CIE _{Lab}	47.14, 1.86, -27.07
CIE _{LCh}	47, 27.130, 273.933
Yxy	16.1294, 0.2372, 0.2445
Android (android.graphics.Color)	4283724189 (0xFF54719D)
YUV	109.3450, 23.4939, -22.2276
Hunter-Lab	40.1614, -0.7380, -22.3568

Details

The Hex color **54719D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D8054**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **89A5D4**, and **1E4169** is the 20% darker color. If you saturate the color by 10%, you get **44689D**, and if you desaturate by 10%, it is **647A9D**.

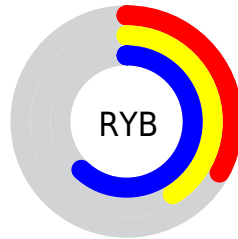
Distribution



Red (33%)

Green (44%)

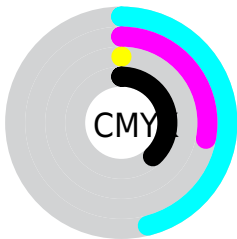
Blue (62%)



Red (33%)

Yellow (41%)

Blue (62%)

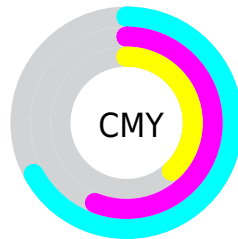


Cyan (46%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (67%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54719D 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 54719D by changing the saturation by 10% instead.

■ 54719D

■ 54719D

FFFFFF

■ 3A5983

■ 89A5D4

■ 1E4169

■ A4C0F0

■ 002C51

■ C0DBFF

■ 00173A

■ DDF8FF

■ 000224

■ FAFFFF

■ 00000C

■ 000000

■ 54719D

■ 54719D

■ 44689D

■ 647A9D

■ 355E9D

■ 73849D

■ 25559D

■ 838D9D

■ 154B9D

■ 93979D

■ 05429D

■ A3A09D

■ 003E9D

■ B2AA9D

■ C2B39D

■ D2BD9D

■ E1C69D

Harmonies

Analogous

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



2D7798



54719D



766996

Triad

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



54719D



9B6157



487A5B

Complementary

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



54719D



9D8054

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.



647649



54719D



8F6847

Square

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



54719D



9B5E6E



7C6F42



2A7C72

Rectangle

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



54719D



88648B



7C6F42



527954

Sweetspot

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



54719D



AFBBCC



549D80



555C66



E6E6E6



666666

Same Dimension

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



54719D



5A87CC



5B549D



474A4F



00398F



00060F

Inverse Universe

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



9D5471



CC5A87



969D54



4F474A



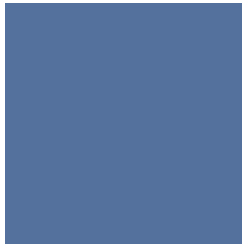
8F0039



0F0006

Previews

White Background



This preview shows how the Hex color 54719D looks on a white background.

Color Contrast Check

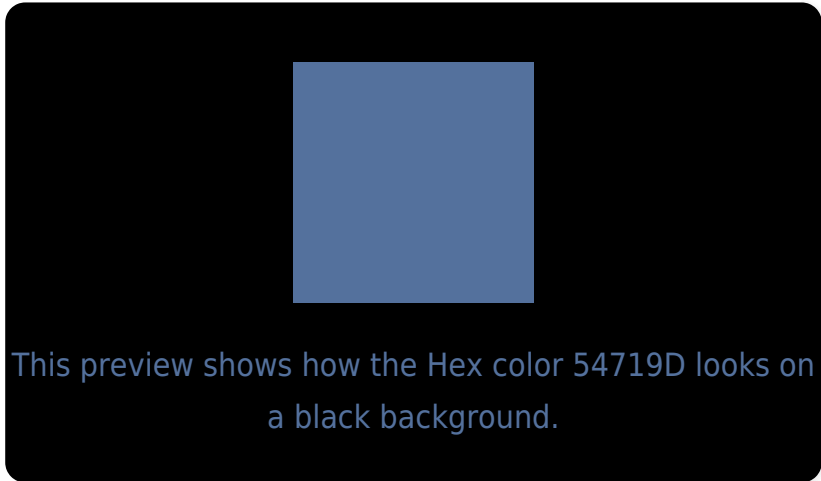
Large Text (above 18pt) WCAG AA ✓ Pass

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

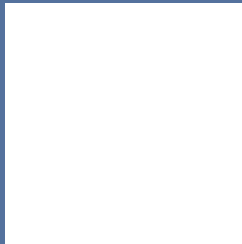
Any Text WCAG AAA × Fail

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

Hex 54719D Background



This preview shows how black text looks on a background with the Hex color 54719D.

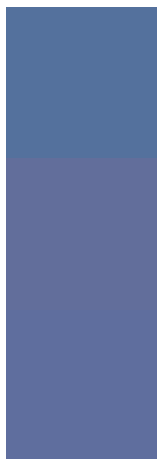


This preview shows how white text looks on a background with the Hex color 54719D.

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

54719D

Protanopia

626E9B

Deuteranopia

5F6E9E



Tritanopia
4B7680

Trichromacy



Original Color
54719D

Protanomaly
5D6F9C

Deuteranomaly
5B6F9E

Tritanomaly
4E748B

Monochromacy



Original Color
54719D

Achromatopsia
6D6D6D

Achromatomaly
646E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 54719D 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 #54719D looks like.

```
.text, #text, p{  
    color:#54719D  
}
```

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 #54719D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54719D
}
```

Border

The CSS property to change the border of an element to Hex 54719D 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
#54719D }
```

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

```
.border{ border-color:#54719D }
```

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

Here you see how a box with a 4 pixel #54719D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54719D; -webkit-box-shadow:4px 4px  
4px 4px #54719D; box-shadow:4px 4px 4px  
4px #54719D }
```

Background

The CSS property to change the background color of an element to Hex 54719D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54719D }
```

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

```
.background{ background-color:#54719D }
```

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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