

Converting Colors

Hex(53729F)

Have a look what the booklet for
Hex(53729F) contains.

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Color

Hex(53729F)

Conversions

Conversions Part 1

Format	Color
Hex	53729F
RGB	83, 114, 159
RGB Percent	33%, 45%, 62%
CMY	0.6745, 0.5529, 0.3765
CMYK	0.48, 0.28, 0.00, 0.38
HSL	216°, 31%, 47%
HSV	216°, 48%, 62%
XYZ	15.8426, 16.3768, 35.1269
YIQ	109.8610, -32.9210, 7.4230

Conversions

Conversions Part 2

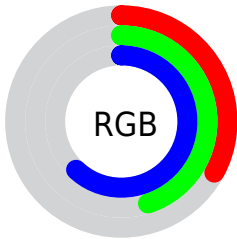
Format	Color
R _Y B	83, 105, 159
Decimal	5468831
CIE Lab	47.47, 1.61, -27.75
CIE LCh	47, 27.794, 273.326
Yxy	16.3768, 0.2352, 0.2432
Android (android.graphics.Color)	4283658911 (0xFF53729F)
YUV	109.8610, 24.2255, -23.5571
Hunter-Lab	40.4683, -0.9400, -23.1366

Details

The Hex color **53729F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F8053**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **88A6D6**, and **1C426B** is the 20% darker color. If you saturate the color by 10%, you get **43699F**, and if you desaturate by 10%, it is **637B9F**.

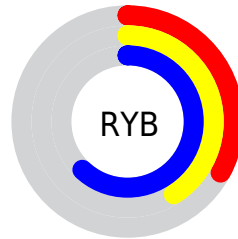
Distribution



Red (33%)

Green (45%)

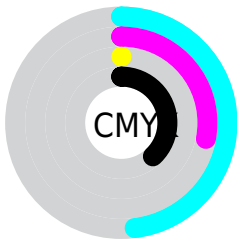
Blue (62%)



Red (33%)

Yellow (41%)

Blue (62%)

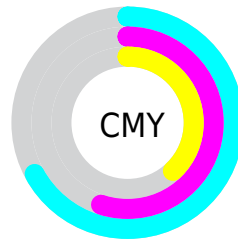


Cyan (48%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (67%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53729F 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 53729F by changing the saturation by 10% instead.

■ 53729F

■ 53729F

FFFFFF

■ 395A85

■ 88A6D6

■ 1C426B

■ A4C1F2

■ 002C53

■ C0DDFF

■ 00183B

■ DCF9FF

■ 000226

■ F9FFFF

■ 00010E

■ 000000

■ 53729F

■ 53729F

■ 43699F

■ 637B9F

■ 335F9F

■ 73859F

■ 23569F

■ 838E9F

■ 134C9F

■ 93989F

■ 03439F

■ A3A19F

■ 00419F

■ B2AA9F

■ C2B49F

■ D2BD9F

■ E2C79F

Harmonies

Analogous

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



29799A



53729F



776A98

Triad

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



53729F



9D6158



487B5B

Complementary

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



53729F



9F8053

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.



657749



53729F



916847

Square

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



53729F



9D5E6F



7D7041



287D72

Rectangle

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



53729F



89648D



7D7041



527A54

Sweetspot

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



53729F



B2BDCF



539F7F



575E69



E8E8E8



696969

Same Dimension

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



53729F



5989CF



59539F



474A4F



003A8F



00060F

Inverse Universe

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



9F5372



CF5989



999F53



4F474A



8F003A



0F0006

Previews

White Background



This preview shows how the Hex color 53729F looks on a white background.

Color Contrast Check

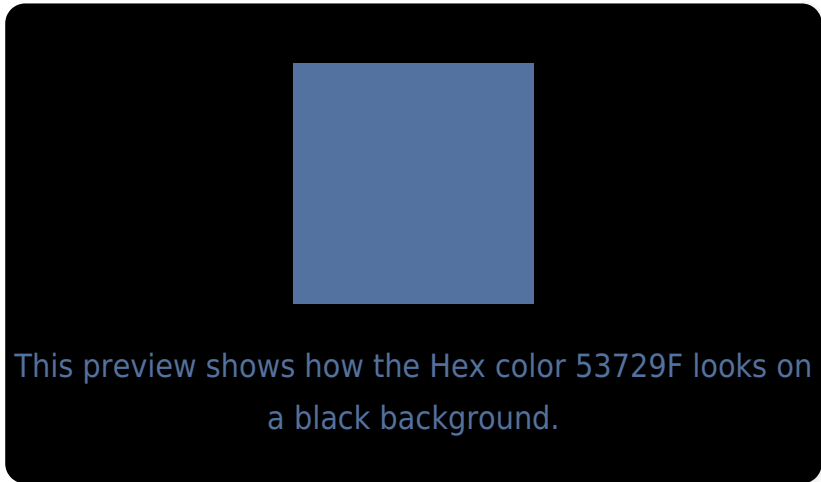
Large Text (above 18pt) WCAG AA ✓ Pass

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

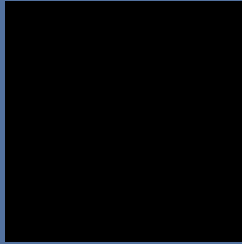
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

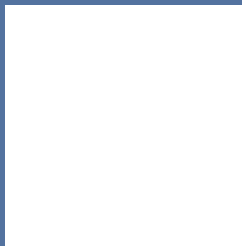
Any Text WCAG AAA × Fail

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

Hex 53729F Background



This preview shows how black text looks on a background with the Hex color 53729F.



This preview shows how white text looks on a background with the Hex color 53729F.

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
53729F

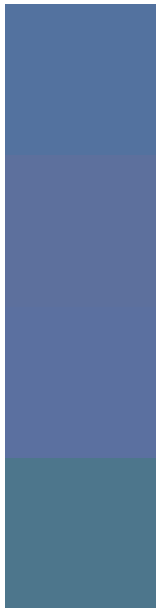
Protanopia
626F9C

Deuteranopia
5F6FA0



Tritanopia
4A7881

Trichromacy



Original Color
53729F

Protanomaly
5D709D

Deuteranomaly
5B70A0

Tritanomaly
4D768C

Monochromacy



Original Color
53729F

Achromatopsia
6E6E6E

Achromatomaly
646F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 53729F 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 #53729F looks like.

```
.text, #text, p{  
    color:#53729F  
}
```

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 #53729F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53729F
}
```

Border

The CSS property to change the border of an element to Hex 53729F is called "border". The border property can be set on classes, ids or directly on the HTML element.

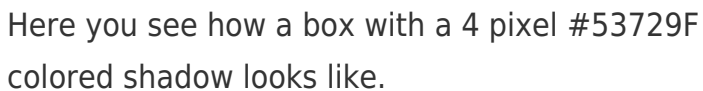
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53729F }
```

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

```
.border{ border-color:#53729F }
```

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



Here you see how a box with a 4 pixel #53729F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53729F; -webkit-box-shadow:4px 4px  
4px 4px #53729F; box-shadow:4px 4px 4px  
4px #53729F }
```

Background

The CSS property to change the background color of an element to Hex 53729F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53729F }
```

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

```
.background{ background-color:#53729F }
```

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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