

Converting Colors

Hex(53449F)

Have a look what the booklet for
Hex(53449F) contains.

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Color

Hex(53449F)

Conversions

Conversions Part 1

Format	Color
Hex	53449F
RGB	83, 68, 159
RGB Percent	33%, 27%, 62%
CMY	0.6745, 0.7333, 0.3765
CMYK	0.48, 0.57, 0.00, 0.38
HSL	250°, 40%, 45%
HSV	250°, 57%, 62%
XYZ	11.8924, 8.4764, 33.8102
YIQ	82.8590, -20.2710, 31.4810

Conversions

Conversions Part 2

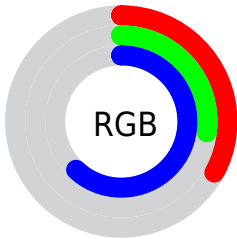
Format	Color
R_{YB}	83, 68, 159
Decimal	5457055
CIE _{Lab}	34.96, 30.44, -47.58
CIE _{LCh}	35, 56.484, 302.613
Yxy	8.4764, 0.2195, 0.1565
Android (android.graphics.Color)	4283647135 (0xFF53449F)
YUV	82.8590, 37.5375, 0.1237
Hunter-Lab	29.1143, 21.9623, -48.4729

Details

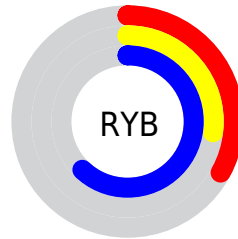
The Hex color **53449F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **909F44**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8A75D6**, and **18186B** is the 20% darker color. If you saturate the color by 10%, you get **46349F**, and if you desaturate by 10%, it is **60549F**.

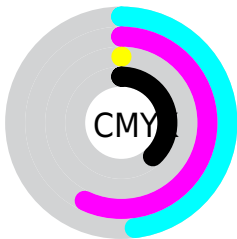
Distribution



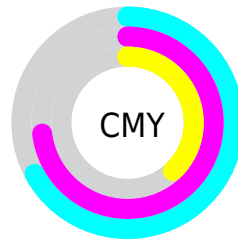
- Red (33%)
- Green (27%)
- Blue (62%)



- Red (33%)
- Yellow (27%)
- Blue (62%)



- Cyan (48%)
- Magenta (57%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (73%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53449F 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 53449F by changing the saturation by 10% instead.

■ 53449F

■ 53449F

FFFFFF

■ 372D84

■ 8A75D6

■ 18186B

■ A58EF3

■ 000252

■ C2A9FF

■ 00003A

■ DFC4FF

■ 000223

■ FCE0FF

■ 00000B

■ FFFDFF

■ 000000

■ 53449F

■ 53449F

■ 46349F

■ 60549F

■ 38249F

■ 6E649F

■ 2B149F

■ 7B749F

■ 1E049F

■ 88849F

■ 1A009F

■ 95949F

■ A3A39F

■ B0B39F

■ BDC39F

■ CBD39F

Harmonies

Analogous

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



0057AD



53449F



8A297C

Triad

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



53449F



843F00



006555

Complementary

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



53449F



909F44

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.



006325



53449F



615200

Square

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



53449F



9B2624



325D00



006582

Rectangle

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



53449F



9B195F



325D00



006545

Sweetspot

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



53449F



B1ABCF



44919F



575469



E8E8E8



696969

Same Dimension

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



53449F



5840CF



7F449F



48474F



18008F



03000F

Inverse Universe

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



9F4490



CF40B7



649F44



4F474E



8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 53449F looks on a white background.

Color Contrast Check

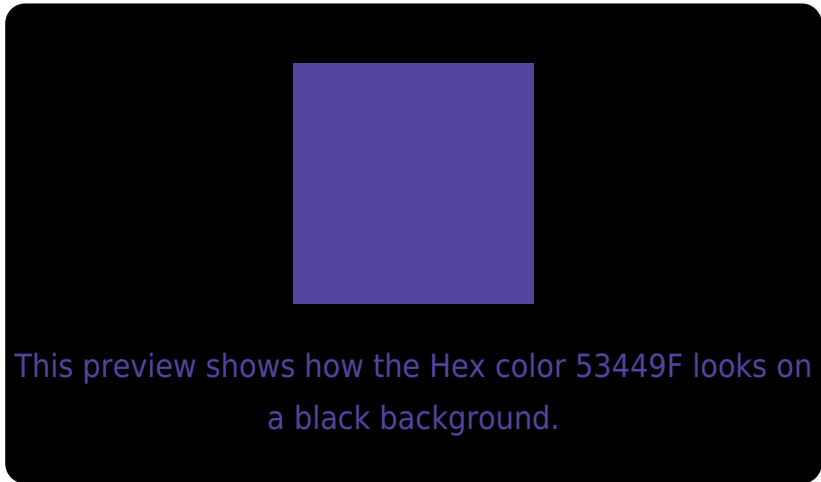
Large Text (above 18pt) WCAG AA ✓ Pass

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

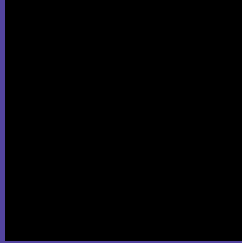
Any Text WCAG AA × Fail

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 53449F Background



This preview shows how black text looks on a background with the Hex color 53449F.

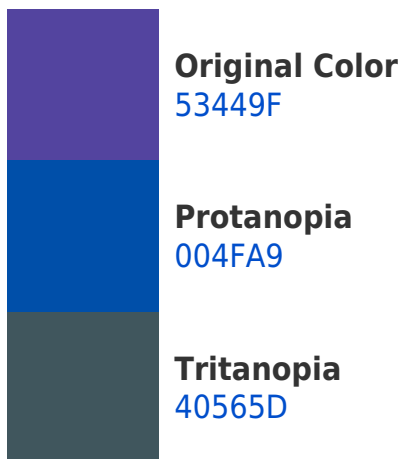


This preview shows how white text looks on a background with the Hex color 53449F.

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
53449F



Protanomaly
1E4BA5

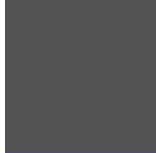


Tritanomaly
474F75

Monochromacy



Original Color
53449F



Achromatopsia
535353



Achromatomaly
534E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 53449F 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 #53449F looks like.

```
.text, #text, p{  
    color:#53449F  
}
```

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 #53449F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53449F
}
```

Border

The CSS property to change the border of an element to Hex 53449F is called "border". The border property can be set on classes, ids or directly on the HTML element.

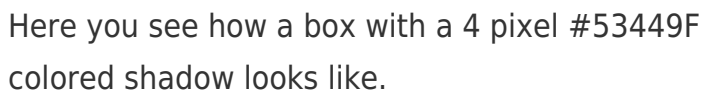
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53449F }
```

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

```
.border{ border-color:#53449F }
```

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



Here you see how a box with a 4 pixel #53449F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53449F; -webkit-box-shadow:4px 4px  
4px 4px #53449F; box-shadow:4px 4px 4px  
4px #53449F }
```

Background

The CSS property to change the background color of an element to Hex 53449F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53449F }
```

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

```
.background{ background-color:#53449F }
```

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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