

Converting Colors

Hex(53649D)

Have a look what the booklet for
Hex(53649D) contains.

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Color

Hex(53649D)

Conversions

Conversions Part 1

Format	Color
Hex	53649D
RGB	83, 100, 157
RGB Percent	33%, 39%, 62%
CMY	0.6745, 0.6078, 0.3843
CMYK	0.47, 0.36, 0.00, 0.38
HSL	226°, 31%, 47%
HSV	226°, 47%, 62%
XYZ	14.2103, 13.3877, 33.7334
YIQ	101.4150, -28.4290, 14.1230

Conversions

Conversions Part 2

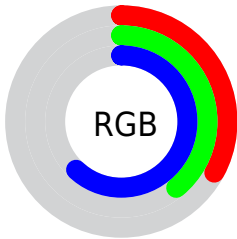
Format	Color
R_{YB}	83, 97, 157
Decimal	5465245
CIE _{Lab}	43.34, 9.59, -33.02
CIE _{LCh}	43, 34.382, 286.197
Yxy	13.3877, 0.2317, 0.2183
Android (android.graphics.Color)	4283655325 (0xFF53649D)
YUV	101.4150, 27.4034, -16.1500
Hunter-Lab	36.5892, 5.2936, -29.0501

Details

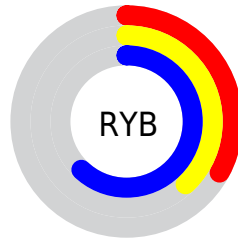
The Hex color **53649D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D8C53**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8897D4**, and **1D3669** is the 20% darker color. If you saturate the color by 10%, you get **43589D**, and if you desaturate by 10%, it is **63709D**.

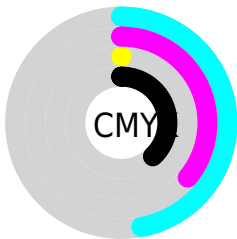
Distribution



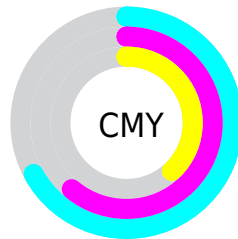
- Red (33%)
- Green (39%)
- Blue (62%)



- Red (33%)
- Yellow (38%)
- Blue (62%)



- Cyan (47%)
- Magenta (36%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53649D 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 53649D by changing the saturation by 10% instead.

■ 53649D

■ 53649D

FFFFFF

■ 394C83

■ 8897D4

■ 1D3669

■ A3B1F0

■ 002151

■ BFCDFE

■ 000A3A

■ DCE9FF

■ 000223

■ F9FFFF

■ 00000A

■ 000000

■ 53649D

■ 53649D

■ 43589D

■ 63709D

■ 344C9D

■ 727C9D

■ 24409D

■ 82889D

■ 14349D

■ 92949D

■ 05289D

■ A2A09D

■ 00249D

■ B1AD9D

■ C1B99D

■ D1C59D

■ E0D19D

Harmonies

Analogous

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



006D9D



53649D



7C598E

Triad

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



53649D



95563E



177458

Complementary

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



53649D



9D8C53

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.



48703E



53649D



83602E

Square

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



53649D



9C4F58



686A2E



007575

Rectangle

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



53649D



8E527E



686A2E



2C734E

Sweetspot

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



53649D



AFB6CC



539D8C



555966



E6E6E6



666666

Same Dimension

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



53649D



5872CC



67539D



47494F



00218F



00040F

Inverse Universe

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



9D5364



CC5872



899D53



4F4749



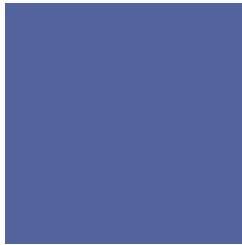
8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 53649D looks on a white background.

Color Contrast Check

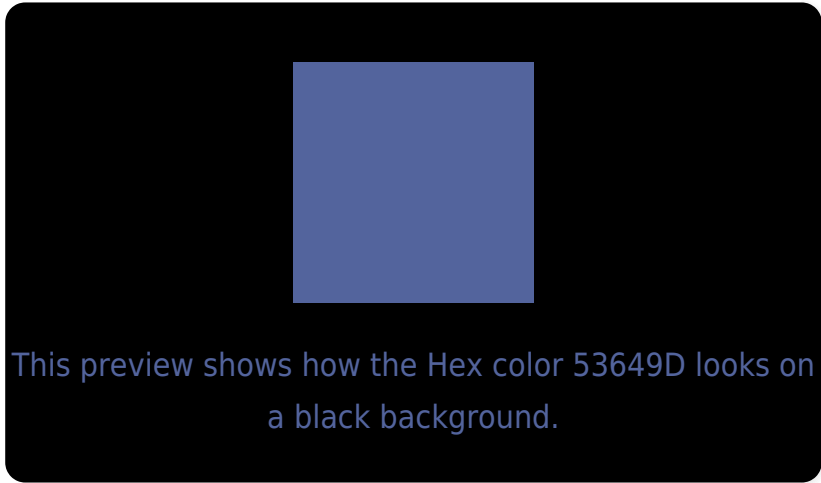
Large Text (above 18pt) WCAG AA ✓ Pass

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

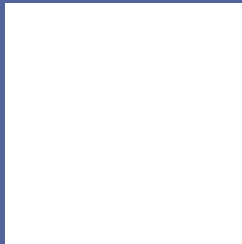
Any Text WCAG AAA × Fail

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

Hex 53649D Background



This preview shows how black text looks on a background with the Hex color 53649D.

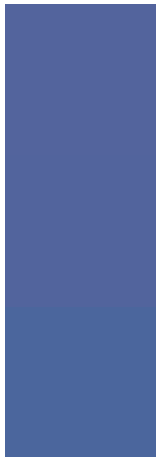


This preview shows how white text looks on a background with the Hex color 53649D.

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
53649D

Protanopia
52649D

Deuteranopia
4B669D



Tritanopia
476C75

Trichromacy



Original Color
53649D

Protanomaly
52649D

Deuteranomaly
4E659D

Tritanomaly
4B6984

Monochromacy



Original Color
53649D

Achromatopsia
656565

Achromatomaly
5E6579

CSS Examples

Text

The CSS property to change the color of the text to Hex 53649D 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 #53649D looks like.

```
.text, #text, p{  
    color:#53649D  
}
```

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 #53649D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53649D
}
```

Border

The CSS property to change the border of an element to Hex 53649D 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
#53649D }
```

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

```
.border{ border-color:#53649D }
```

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

Here you see how a box with a 4 pixel #53649D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53649D; -webkit-box-shadow:4px 4px  
4px 4px #53649D; box-shadow:4px 4px 4px  
4px #53649D }
```

Background

The CSS property to change the background color of an element to Hex 53649D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53649D }
```

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

```
.background{ background-color:#53649D }
```

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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